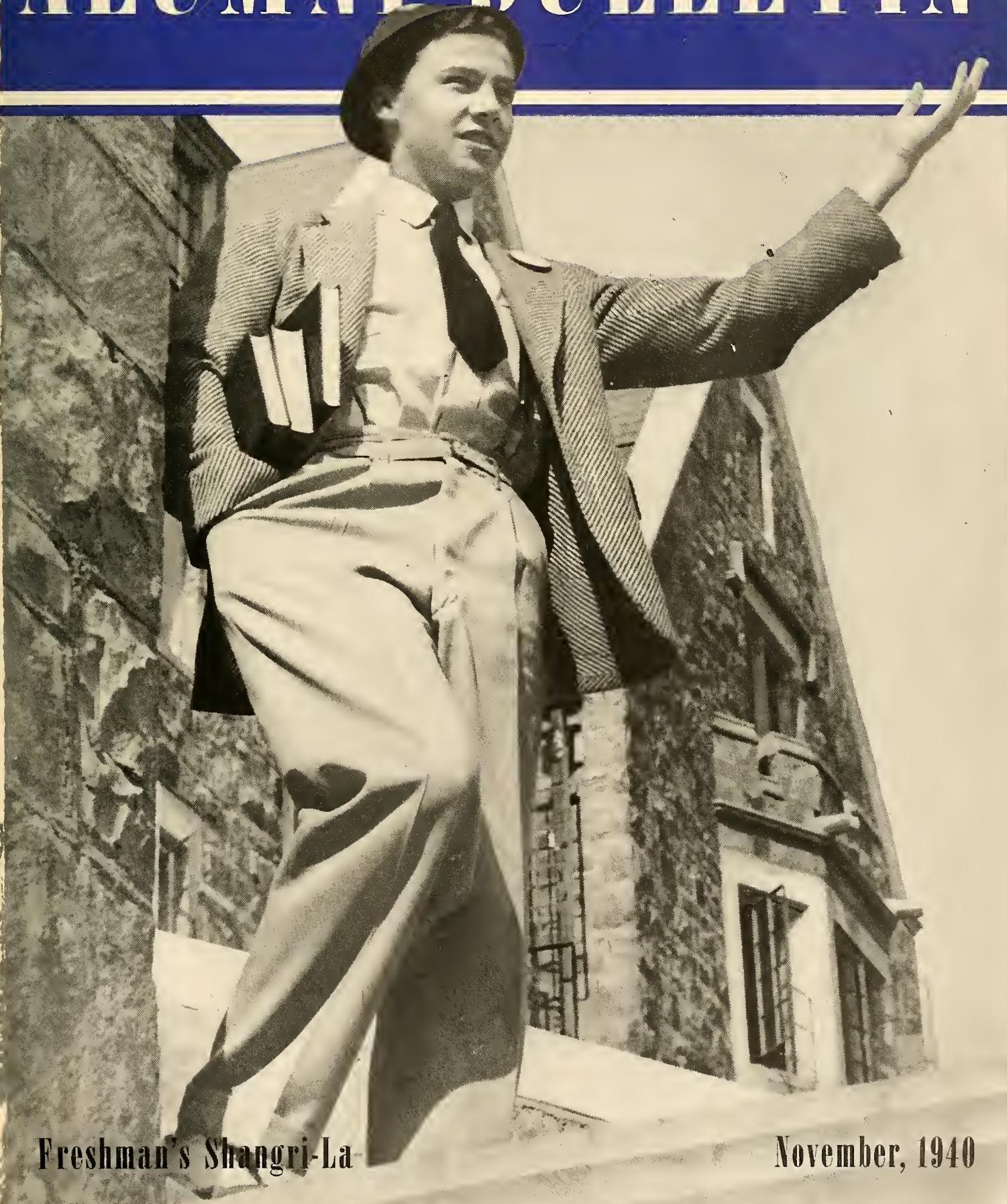


ALUMNI BULLETIN

Lehigh



Freshman's Shangri-La

November, 1940



Steel—FIRST LINE OF NATIONAL DEFENSE

Steel is essentially a peacetime industry—and America's normal appetite for steel is great.

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It permits steel producers to carry on year after year and to find employment for hundreds of thousands of men.

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Republic has done exactly that and—in the emergency now facing America—is in a position to supply more and better steel—the first line of any nation's defense.

Republic has invested millions of dollars in plants, in equipment, in research and in the training of men. Republic has ex-

panded its ore supplies—enlarged its blast furnaces—increased open hearth and electric furnace capacity—built new mills and added new finishing equipment. But more, Republic has built an organization of men who know steel.

And now, seeing but dimly through the haze that clouds all business prophecy, but realizing our own deep responsibility, Republic, vital to peacetime prosperity, pledges its every effort to help keep America the way we know it and love it—to keep America safe for Americans—through steel, first line of national defense. Republic Steel Corporation, Cleveland, O.

T. M. Lindley
CHAIRMAN OF THE BOARD
John W. Myron
PRESIDENT

TIPS FROM THE TOWER

ACTIVE in encouraging American interest in the British cause is Theodore Stevens, '86, consulting engineer of Herne Bay, England. Americans banded under the all-inclusive title of "Americans-in-Britain Outpost of the Committee to Defend America by Aiding The Allies", are publishing a periodical news pamphlet, which Stevens calls to the attention of Lehigh men.

Expressing his personal reaction as of August 5, he says, "We have astonishing immunity from German efforts—not a bomb within 10 miles in 11 months. Rationing of ample quantities is only a matter of shopkeepers' bookkeeping but if any difficulty should arise, the system is in being. Thus far, none has arisen."

AN important forward step in the American defense movement may be provided by a "Jeep" produced by Minneapolis-Moline Power Implement

MACFARLANE'S JEEP
"Will be a formidable adjunct"



Company under the leadership of W. C. MacFarlane, '04.

The "Jeep" is actually soldiers' parlance for a new type tractor adapted for war purposes and put through strenuous tests at recent maneuvers. If adopted by the government, it can be put into mass production in a short time since no new dies or machine tools will be needed. Seven tons in weight, empowered by a 60 horse



WILLING FRESHMAN JOHANSEN
"Came through the ordeal well"

power gasoline motor, it can make 40 miles an hour on the open road. By means of a roller on the front end the tractor can lift itself over immovable objects or climb trees or push them over with its weight. The new tractor seems to have all the elements to answer the demand for the all-around tractor that will be a formidable adjunct to American mechanized forces.

THE ranking of U. S. ports is as important to maritime enthusiasts as is the selection of the six biggest cities to the layman. When Lehigh's

J. Russell Wait, '05, went to Houston, Texas a few years ago to become port director, his activities resulted in that port's being named third in the country (see BULLETIN, May, 1938).

The latest honor to be given Port Director Wait has been the presentation of 80 books on Texas' history as a gift of a group of Houston business



PORT DIRECTOR WAIT
"46 firms and individuals contributed"

associates. The collection of books was made by Jesse A. Ziegler, Texas historian, and 46 firms and individuals contributed to make the gift possible.

THE carefree student on this month's cover is Alfred P. Johansen, '44, one of the first freshmen to take a room in the newly completed Henry Sturgis Drinker house. Willing to serve as a model for cameraman Dave McCaa, Freshman Johansen climbed over the parapets, looked nonchalant on the grassy lawns and waved to imaginary friends while the shutter clicked. In rooms above the model, sophomores made things easy with a running fire of comments not guaranteed to put him at his ease. Made of stern stuff, Freshman Johansen came through the ordeal well, did a real service for Lehigh as an exemplar of modern college life at Lehigh's Shangri-La. (See page 8).

WHEN Carl A. Zapffe was taking his graduate work at Lehigh in 1934 he was prominently known as an exponent of brawn because of unusual feats of strength which were his

Our Alumni

- S. P. FELIX, '03
- J. D. BERG, '05
- E. T. GOTTLER, '06
- A. S. OSBOURNE, '09
- L. C. ZOLLINGER, '09
- V. B. EDWARDS, '12
- GEO. F. WOLFE, '14
- W. P. BERG, '17
- E. H. ZOLLINGER, '18
- F. J. LLOYD, JR., '23
- B. E. RHOADS, '23
- J. A. BISSINGER, JR., '26
- W. W. ARMSTRONG, '27
- R. W. MARVIN, '27
- PAUL G. STROHL, '27
- G. W. FEARNSIDE, JR., '28
- STANLEY B. ADAMS, '29
- C. W. GRANACHER, '29
- E. V. TWIGGAR, '31
- J. K. BEIDLER, '34
- W. A. ROBINSON, '34
- H. E. LORE, '35
- L. P. STRUBLE, JR., '35
- F. C. MOUNT, '37
- D. R. BERG, '38
- A. C. DRAKE, '38
- S. P. FELIX, JR., '38
- K. C. COX, '39
- J. T. EVANS, '39
- E. KIRKPATRICK, '39
- R. R. MERWIN, '40
- A. T. COX, '40
- S. E. HARPER, '40



An extreme margin for safety in the handling of heavy crane lifts over expensive completed assemblies is embodied in the design of the two new screw luffing full revolving tower cranes recently built by Dravo Corporation for the Newport News Shipbuilding & Dry Dock Company, Newport News, Virginia. Cranes have 125 foot boom and an operating capacity of 20 tons at a radius of 62 feet. They are the first large cranes in this country to employ the screw luffing principle.

DRAVO CORPORATION

GENERAL OFFICES: DRAVO BUILDING, PITTSBURGH, PA.

CLEVELAND, OHIO

PHILADELPHIA, PA.

hobby. More important to Carl's subsequent career, however, was his work in metallurgical engineering for in 1938 he was to join the staff of the Battelle Memorial Institute in Colum-



RESEARCHER ZAPFFE

"More important was his engineering"

bus, Ohio. This year at the educational session of the American Electroplaters' Society, Dr. Zapffe along with Charles L. Faust demonstrated that the absorbed hydrogen in the base metal can cause such common defects in electroplated coatings as blistering, peeling, cracking and poor adherence. For this work he was co-winner of the 1940 Proctor Memorial Award. The prize-winning paper "Metallurgical Aspects of Hydrogen in Electroplating" was based on studies carried out in the Battelle Laboratories.

FEW prominent political figures have risen from the ranks of Lehigh alumni. Latest possibility is "Bob" Hurley, '19, who in August was nominated as democratic candidate for governor.

Nor has Hurley long been in the political picture. At the close of World War I, he entered the construction and

engineering business with his father and carried on in this work until 1935 when he was named director of the newly-formed Works Progress Administration in Fairfield County, Conn. On the resignation of Senator Matthew A. Daley, a state administrator, Hurley succeeded him and commanded attention for his excellent coordination of federal and municipal efforts during the flood of '36 and the hurricane of '38.

When in 1937 the State Department of Public Works was created, Hurley was named as first commissioner and the quality of his work placed him in direct line for the democratic nomination which he now holds.

RECENT Lehigh graduates may have said "that face looks familiar" when they visited the Bell Telephone exhibit at the New York World's Fair for the staff supervisor is Frank Graham Potter, '30, a member of Sigma Phi Epsilon fraternity. Potter's assignments range from taking charge of the long distance telephone call demonstration to prompting "Pedro, the Voder".

PEDRO PROMPTING POTTER

"That face looks familiar"



THE LEHIGH ALUMNI BULLETIN

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VOL. XXVIII—No. 1

NOVEMBER, 1940

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Conscription and the Lehigh Point of View

SEATED around a conference table are Walter R. Okeson, vice-president and treasurer of Lehigh University, Colonel J. S. Leonard, head of the department of Military Science and Tactics, and E. Kenneth Smiley, director of admissions. On these men more than any others at Lehigh fall many of the problems which will come as an outgrowth of the Selective Service Act which has just received the stamp of approval of the Congress and the signature of the President. Here they are involved in a discussion of conscription as it affects Lehigh, her students and her alumni throughout the country.

OKESON: Now that the Selective Service Act is in force, I for one would like to look at it, so far as possible, to see what it is going to mean. In the present status of the world, there is no question in my mind as to the necessity of it. In addition I believe it will give men drafted a sense of discipline and a better physical set-up—both of which will be of great value in their future careers.

Smiley: I agree there, Okey, if you contrast it with the alternative of voluntary enlistment.

Leonard: Will you go into that a bit more completely, Ken?

S: Gladly. Conscription can be handled on a logical, sane basis while volunteering is always accompanied by tremendous rise in emotion and reaction. On a voluntary basis an appeal is made to patriotism and the nobler principles of humanity. In general you are very likely to bring into the service by such an appeal men who would be more valuable in their own particular industry. Others who would be better at military operations are not used. But tell me, Joe, do you see conscription as a short-term proposition?

L: I feel that it depends largely on world conditions. In my opinion it will be a long time before we get back to normal and my guess is that it won't be in the next five years. I imagine conscription will last at least until things quiet down—until we feel that we are at least in the status like that prior to 1914.

S: While, as I say, I am heartily in favor of conscription, it is only fair to add my reservation that I would rather see the present Selective Service Act expanded rather than curtailed. I would much prefer to see registration from about 18 to 65 in order to make an intelligent selection of men for the

particular duties to be done. The group from 21 to 36 will now have to do all the work incident to military affairs and there are a good many over that age who could do better work than those coming under the present age limit. Actually, the military force of any country now seems to consist of a considerable number of highly trained and skilled technicians. They may be in uniforms but they are running tanks, radios, working in labs, etc. However, as it now stands, this selective service offers much more than it did in 1916.

O: I don't believe a victory by England would end conscription.



Walter R. Okeson '95, vice-president of the University, speaks with authority on financial aspects of Lehigh's well-being.



Col. Joseph S. Leonard, head of the military department, expresses a vital viewpoint for alumni who may shortly see service.



E. Kenneth Smiley, director of admissions, is responsible for promoting higher education—especially at Lehigh University.

L: No. The conclusion of the battle between Germany and England, even if won by England, is not the whole thing. If you will recall, the countries did not settle down after the first world war.

S: Then, Okey, is there a possibility that conscription means the introduction into American life of a new educational feature—training for defense?

O: I think the answer to this is yes. Having started down the conscription road, I believe we will keep on it indefinitely for I think that the two philosophies of government will be at war, either military or economic, for many years to come and an economic war always contains the threat of military action.

S: I just saw a late news dispatch in which it was predicted that the next Congress will be asked to make the present five-year draft law permanent.

L: Yes, and it seems they may lower the age limit to 18. Brig. Gen. Grahm, adjutant general of Iowa, is quoted as saying that probably 95% of the youngsters finish preliminary school at that age and he thinks it would be the best time to place them in training. That would mean something to your

end of the work, wouldn't it, Ken?

S: Something is right! We have 251 students over 21 and even on the present 21-year basis, it would very nearly affect the physically fit of the entire senior class. Some sentiment has been expressed at Washington for leaving in college those students in chemistry, physics, and in general the engineering courses. As I understand it, the decision will rest with the local draft boards. The general assumption is that such exemption may be allowed.

O: I hope this is so as we are facing the fiscal year with our budget balanced on a full enrollment, and such a loss would be a severe financial handicap. It might even occur that for the first time in 20 years we would close our fiscal year in the red. This result would be true in any year, of course, if men were conscripted from the senior class and it would undoubtedly mean that the expense budget would have to be cut. Tell me, Ken, is there any effect on prospective students?

S: The first inclination is to say "nothing else but", this being true from the first of July pretty much through August. More uncertainty, more groping and more stumbling in family councils in dealing with this question of going or not going to college seems to be general. Usually the angle of conscription is inferred but in as many as 25 cases it has been stated baldly. Over and over again a boy says "Why should I use \$3,500 for a college education and then go into the army?" Most high school boys, thinking in terms of being drafted, do not think in terms of the years to come. Provisions we know of now guarantee the boy who starts in a recognized college that he can finish one year but there is no guarantee after July 1941. Boys may be called next summer, or next September, October or November.

O: Well, taking an optimistic point of view, based on the 21-year limit, I should imagine conscription will probably not affect greatly our enrollment of new students. But if after this year our seniors are not exempted, the total enrollment will certainly be reduced. If ten to twelve million out of the sixteen and a half million men coming within the limits of the draft are exempted, the chances of being drawn, if not exempt, would be about one in five. In a senior class of over 300, this might well mean 60, plus or

Smiley: The alumni, of course, can help as they have in the past, probably in this case by aiding high school students to keep their feet on the ground by realizing that this military training is an interruption and not an objective. The sound thing for the high school boy to do is to continue to make his plans for a lifetime career and if by force of circumstances there is an interval of one to three years of interruption, his objective is still the career and not the interruption.

Okeson: Well, won't popular pressure make this difficult for the student?

Smiley: Of course. Popular pressure could well



minus, taken in the draft with a loss in income for Lehigh easily running as high as \$30,000 a year and mind you, this is an optimistic view.

L: Would you say that there is a chance that more men will see the value of a college education by experience in training camps?

S: You mean leading to a greater college enrollment at a later date?

L: Yes, that's what I had in mind.

O: We have a fairly good precedent for an opinion there. Younger men who served in the last war flocked into the colleges after their discharge from the army and navy. This was not particularly due to the lack of jobs. I reason that the officers almost all were college men. The soldiers could see from experience that having a college education made it possible for these officers to go farther.

S: Well, I would agree with that, at least to this extent, that a lot depends on what happens after the original year of training. Whether we get more college students, as I see it, would depend on world conditions. As far as the desire to go to college is concerned, I am inclined to think that conscription may be a stimulus to college training. I hope you will pardon us, Joe, for giving you too much shop talk from our angle. I wish you would tell me what the essential difference is between training of conscripted youth and the regular Military Science and Tactics work which you give them here.

L: I should say that the main difference is that work under military conscription is a full-time job. In M. S. and T. we give them 100 hours per year in the basic course and 160 hours per year in the advanced course. About two-thirds of the hundred hours at Lehigh are in theory and about 40

hours per year are spent in drill. Of course, at a training camp the theoretical can be put into practice immediately while our courses here at Lehigh are more of an introduction.

O: While I realize that your graduates who receive their commissions after four years of military work will become second lieutenants, what of the men who have taken only two years or have not received commissions?

L: The first answer is, of course, that they will not have any advanced rank but what most people forget is that the army is made up of every trade and profession represented in civil life and that a personnel study is undertaken before men are placed in army positions, so it is quite possible that these men can progress faster. If they are experienced as radio men, typists, etc., they have a good chance of getting into their chosen field.

S: What kind of a salary set-up will there be for these conscripted men?

L: The salaries are the same as prescribed for the regular army. A buck private gets \$21 to begin and after four months receives \$30. A first class private gets \$36, a corporal \$54, a sergeant \$60 and a staff sergeant \$72 per month and so on up. Reserve officers who leave here as second lieutenants get \$125 in active duty plus \$40 for their housing and \$18 for their food. They do not receive a pay increase until they have served for five years, regardless of progress and rank. Medical men with the army, on the other hand, start at \$2,000 a year with allowances.

S: Well, how about these men who have been playing in the Lehigh band? This rather cuts them out of military training, doesn't it?

L: Well, of course, students who are in the band may take the basic course and do their drilling with the band for the first two years. When they become juniors they must take regular army drills and a few are now doing it.

O: Let me interrupt, Joe, to ask whether this conscription has influenced more men to carry on their military work to the reserve officers' level?

L: Yes, that's obvious already. You see, in the junior year we are limited to 80 men. These are paid about \$225 through their final two years of advanced training and required summer camp. There is a possibility that we may take more men into our advanced courses but this will require legislation of Congress. Let me go on to say that the demand for reserve officers is shown by the fact that 14,000 have now been called up for active duty. When we have an army of 1,200,000 men, 45,000 officers will have to be called up.

O: Let me ask how many are now available?

L: Well, there are 120,000 reserve officers now on the available list with 105,000 of these on the active list. The total number of officers needed for this 1,200,000 army will be 95,000. The regular army furnishes 14,000 of these and the national guard 25,000. Incidentally, many of the latter are being called out now.

S: Well, where do the navy and marine corps come into this picture? Can your R.O.T.C. men join them?

L: Yes, Ken, last year we had a young fellow who was given a commission in the marine corps. Every so often you can furnish an honor graduate who goes directly in as an officer today.

S: But are the conscripts limited



rise to mob hysteria and alumni could render a real service, not only to the University but in a larger sense to everyone concerned, if they would keep a broad perspective and try to help students see more of this. We now have all the equipment to whip up emotional frenzy which we didn't have in 1916 and this is one place the alumni can and should do yeoman service.

Okeson: As I see it, the alumni have another duty. Only through added support from them can any college hope to go through the next decade without running really large deficits. Lehigh, as in the past, will have to depend on her alumni to answer the problem.

to the army? Won't the navy need men?

L: Eventually the navy and marine corps will be filled from conscripted forces and of course, the conscripted men can express a preference for the branch of service which they may care to enter.

O: Let me break the train of thought here to ask about the Lehigh alumnus who does not have a reserve officer's commission. Is there anything he can do to advance his standing before he is conscripted?

L: They cannot do much in a military way, Okey. Perhaps a home guard may be established with many units of the national guard now being called into active duty and of course, there is always the Civil Aeronautics Authority for those who wish to enter aviation. I would like to mention a letter sent to Dr. Williams by the marine corps in which they state that applicants for reserve commissions will be selected for active duty from recent college graduates who have no other military affiliations. In this case the first three months will be spent with the rank of private in the Reserve undergoing intensive training at Quantico, Va. On completion of this work those recommended by the commanding officer would be commissioned as second lieutenants in the marine corps reserve and given an additional three months' training in a course designed to qualify them as platoon commanders.

O: Well, that's at least one possibility, Joe, and any alumni interested could, of course, get the dope from the Alumni Office. Personally, I think it might be possible to add a year of military training to the Lehigh curriculum but I doubt that the army would consider it sufficiently worthwhile to exempt students from the draft. To incorporate additional military work

in our regular work would upset our regular system without benefiting the boys much in a military way.

L: I agree it would do little good. We are set up with four-year courses to the reserve officers' degree but this is in no sense a substitute for the army. We might turn out a few more officers but the chances are that the basic training won't change much. But let's get back to your field a minute, Ken. Tell me what you could do in the face of a loss of students.

S: The answer is not so easy as I wish it were. The alumni, of course, can help as they have in the past, probably in this case by aiding high school students to keep their feet on the ground by realizing that this military training is an interruption and not an objective. The sound thing for the high school boy to do is to continue to make his plans for a life-time career and if by force of circumstances there is an interval of one to three years of interruption, his objective is still the career and not the interruption.

O: Well, won't popular pressure make this difficult for the student?

S: Of course. Popular pressure could well rise to mob hysteria and alumni could render a real service, not only to the University but in a larger sense to everyone concerned if they would keep a broad perspective and try to help students see more of this. We now have all the equipment to whip up emotional frenzy which we didn't have in 1916 and this is one place the alumni can and should do yeoman service.

L: But what can your office do about it?

S: In the first place, we are planning a more intensive campaign to keep before high school administrators and students this thing we have been

talking about. It seems very likely that next year may be the time when we feel the impact of this, both on prospects and on students. Even this year we are feeling the lure of industry. My understanding is that 1403 former students were eligible to return this fall and actually about 1230 or 1240 seem to have come back. I suspect it is likely to become a more serious factor as time goes on. But let me turn the question to you, Okey, by asking what the financial effect might be on the University as a whole.

O: Of course, that's rather hard to analyze but in addition to the possible, almost probable losses of income which Lehigh will sustain due to the draft, the present defense program is almost certain to produce some inflation with consequent rise in prices. This will not only increase University expenses but will bear heavily on her faculty members. And too, the deferred tuition accounts owed by graduates out one to ten years will result in a delay when conscription enters the individual picture. The worst feature, however, will be the fact that the men who are drafted in the first year out of college will not yet have started paying installments, thus acquiring the habit of orderly repayment. As I see it only through added alumni support can any college hope to go through the next decade without running really large deficits. During the last war Yale incurred yearly deficits rising during the final period to the neighborhood of a half million dollars, yet she was never in the red at the end of a year as Yale's alumni fund was more than large enough to wipe out the deficit. The University calculated at the beginning of the year what its probable loss would be, gave the figure to class agents and they did the rest.

A New Lehigh Opens for 450 Freshmen

But it is an amazing Lehigh for the upperclassmen as well who see new chances for living and learning on South Mountain.

LEHIGH freshmen always enter a new University—even the Lehigh which the seniors leave in June is usually a different place in which to live and study by fall.

No exception is the year 1940, for when some 450 new men added life to the dormant campus on September 10, they accepted things as they saw them. The rest of the students, arriving a week later, knew the difference.

In Crystal Spring ravine, the shining newness of Drinker house stood out in the morning sun. Down the hill toward the gym concrete mixer trucks were sluicing their cargo into the vast excavation that will be filled by Eugene G. Grace hall.

But more, the upperclassmen were impressed by sweeping liberalization of the "cut system," double pressure on the freshmen from the administration and *Cyanide*, and absence of the *Lehigh Review* from the campus scene.

The new Drinker house, accommodating 126 men, was especially something to fraternity men who pledged 170 (their lowest figure in years) and saw the new dormitory as a challenge to fraternity membership. Nor is it inconceivable that at some future date Lehigh may require dormitory residence for the freshman year. At present 450 men live in dormitories, 800 in fraternities and 300 in rooming houses. As late as 1937 the dormitories housed 185, the fraternities 750, and private houses 550.

BUT whatever the new dormitory may have meant to fraternities it was a boon to Lehigh and showed a marked improvement in architecture, landscaping. All rooms in the building—a veritable Shangri-La to the new men—are spacious and bright. An attractive re-

ception room, foyer and game room are on the first floor. The parking space, surrounded by a high stone wall includes a fountain which students describe as "a fountain—with water." Far from answering Lehigh's housing problem, the dormitory rooms in Drinker house went to early takers. Soon the S.R.O. sign was posted.

Speculation as to Grace hall completion depended on too many factors to be accurate. Should construction proceed at a greater pace, use of the new building for the National Collegiate wrestling finals was a strong possibility.

A delight to upperclassmen, as it would have been to most recent alumni, was the relaxing of stringent rules on "class cutting" which were largely a hold-over from the regime of C. Max McConn who resigned as dean in 1938. The incumbent, Wray H. Congdon, opened the year with new regulations which placed less emphasis on number of "cuts," and more on the attitude of the student as well as the quality of his work. The threat of "cut probation" and final suspension is still there, but the route is different. Exempt from any concern over "cuts" are upperclassmen with grade averages of

2.75 or better, while sophomores and second semester freshmen must have upwards of 3.00.

HELPFUL too was a new booklet on discipline issued to freshmen by the dean's office. No longer will ignorance be accepted as a possible excuse in such cases as plagiarism or cribbing and full definition of the marking system, as well as examination procedure is stated. As the common punishment in cases of dishonesty is expulsion, the booklet is expected to exert some check on intentional cases.

Still a faint cry from the days when sophomores paddled the new men down to the Wilbur Trust Co. and back, *Cyanide*, junior honorary activities society, is making some effort to enforce recent mild regulations which are limited to brown ties, socks and a reasonable class hat. With the services of a 25-man sophomore vigilante committee, *Cyanide* promises "drastic action" on problem freshmen.

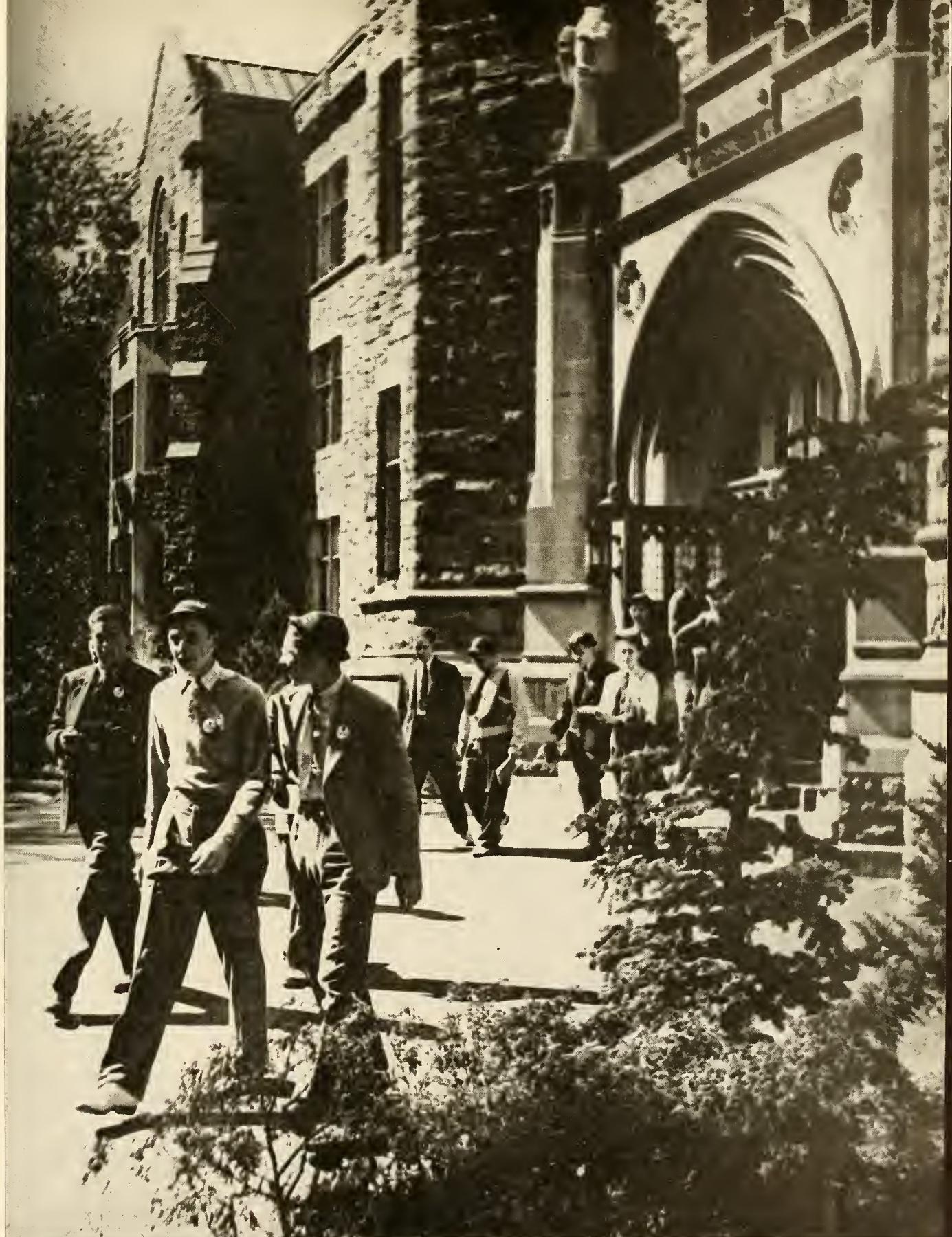
One of the hallmarks of the fall season was the absence of sophomores saying "Hey, Bub, want to subscribe to the *Review*?" The sophomores were there, but the *Review* had failed to re-

appear after faculty action on June 3 which forbade the staff from publishing that or any other campus magazine. Reasons given for the action were that the magazine had ceased to serve its original purpose and had "shown poor taste" with material used in its exchange issue.

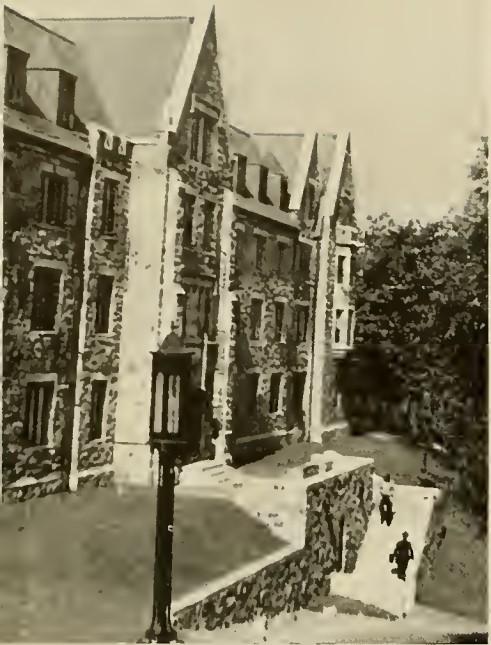
The editorial staff of the *Brown and White* leaped into the issue feet first, describing the action as "perhaps the most insufferably highhanded and dictatorial act ever perpetrated on student publications at this University." As in the case



Carefully landscaped grounds make Drinker house more than ever a campus beauty spot and set off its collegiate Gothic architecture in a section of the University which alumni recall as waste land.



AS always when fall rolls around, life comes to the campus and from the doorways of ivy-clad buildings come students, new ones and old, just as thousands of men of another day have done. True, the older men are called alumni now . . . a few buildings might be strange . . . the customs altered by a new generation . . . but aside from a momentary groping for establishment which every student experiences, the alumni could fit into the new picture. For, regardless of change, down inside Lehigh is the same.



Drinker house, above, is the latest building to rise in Crystal Spring ravine. Interior furnishings, below, are on a par with best fraternities.



Foundation work for Eugene Grace hall progressed to the cornerstone line by Founder's Day, indicating possible completion for Spring events.



of the ill-fated *Burr* (1881-1934) the *Review* (1922-1940) had been founded on lofty literary precepts, pursued an up-and-down career, finally was caught allegedly off base on the old issue of questionable humor.

The door was left open for re-publication of the magazine but thus far no takers have applied. On Thursday, September 26, at a meeting of the board of publications it was stated at least some form of student magazine would appear on the campus. Three plans have been submitted—one by Edwin H. Klein, '42, technically editor-in-chief of the *Review* and the other two by Professor Percy Hughes, of the department of philosophy, and Dale H. Gramley, associate professor of journalism. As this issue goes to press, a compromise of the three plans was being considered with indications being that the new magazine would be of a different character than the *Review* but would continue to offer a medium for creative writing.

Affecting students to some extent were appointments and resignations on the faculty announced by President Williams. Among 90 men concerned were 10 full-time appointees, nine assistants, 14 research fellows, six Gotschall fellows and five University scholars. Well known to younger alumni were Burgess Jennings, associate professor of mechanical engineering and Alexander W. Luce, associate professor of machine design. Jennings became professor of mechanical engineering at Northwestern Technological Institute, while Luce will head the department of mechanical engineering at the University of Connecticut.

PROMINENT among appointees was Loyal Vivien Bewley, formerly of the General Electric Company (see June issue) who fills the vacancy created by the death of Prof. Stanley S. Seyfert, head of the department of electrical engineering.

Another appointee was James Van Dusen Eppes who becomes an instructor in mechanical engineering. After graduating from Virginia, Van Eppes was a part-time instructor in heat power engineering at Cornell while he worked toward his M.E. degree. Since 1931 he has been with the Texas Company.

Frank Junior Fornoff who becomes instructor in chemistry has been both an assistant in general chemistry at Ohio State and National Research Council fellow at the University of California.

A name well known to Lehigh alum-

ni is that of Forstall but the first to serve on the faculty will be Walton, Jr., '31, who is named as instructor in mechanical engineering. His practical experience since graduation has been with the Philadelphia Gas Works company where he has most recently been supervisor of industrial gas servicing.

THE social side for the fall looked promising with the outstanding event as usual being the senior ball which this year falls on Friday night, October 25, just prior to the Hampden-Sydney football game. Reason for student excitement, of course, is the appearance of the idol of jive and rug-cutting, Benny Goodman, who comes to Lehigh for the second time, having played for spring houseparty in 1939. The Saturday of houseparty will, of course, be devoted to the game as well as the several house dances which will attract many of the younger alumni.

On the more serious side a thought-provoking program has been arranged for the student concert-lecture series which begins on October 2 with a talk by the well-known Indian athlete, Jim Thorpe, who will be well remembered by Lehigh alumni as one of the all-time greats in basketball, hockey, lacrosse, tennis and football for the Carlisle Indians.

On November 1 students will hear Josef Hofmann, concert pianist and on December 13, Margaret Webster, actress and director, will present a program of monologues.

George Sokolsky, author and newspaper man, will debate the mathematician, Bertrand Russell on January 10, while on February 21 the Eva Jessye choir, from the Gershwin opera, "Porgy and Bess," will be featured. The last speaker appears on April 11 and is Dr. Will Durant, well-known for his successful book, "The Story of Philosophy." Not only known as a philosopher but also as a historian, Dr. Durant's latest work is "The Life of Greece."

That students had not forgotten to look to their own well-being was indicated by the second of the fall editions of the student paper in which a thrust was taken at the ornamental but not particularly effective lighting of the Library. Various efforts to increase illumination have been attempted in recent years but in its note to freshmen, the *Brown and White* said, "You are now in Lehigh. Some evening within the next few years you will undoubtedly go to the Library. When you do, don't forget to bring your flashlight. You will find out why."

Opening the Season with Lehigh Clubs



Members of the Northern New York Lehigh club enjoyed their annual summer outing at the farm of Mr. H. G. Reist, '86, near Schenectady. Here members of the club willingly posed for Nels Coxe, club secretary.

Monmouth County New Jersey

The Monmouth Jersey Lehigh Club held a summer meeting and frolic on the grounds of the Green Grove Inn, near Asbury Park, on Saturday afternoon, July 20. Soft ball, quoits, and plenty of good fellowship kept the boys occupied from 3 to 5 p.m. When the eats appeared on a large table under the trees, everybody assembled and enjoyed a picnic feed including potato salad, hot dogs, kraut, beans, steamed clams and plenty of beer to wash things down. Some of the fellows came early and left after supper, others came late and stayed until dark. In short, the fellows had a good time talking over old times and meeting other Lehigh men. The next meeting in the fall will be held jointly with the Lafayette and Rutgers Clubs, if plans under discussion are carried through. Several of our soft-ball enthusiasts are trying to arrange a soft-ball game with the North Jersey Club or with the Monmouth Lafayette Club. Of course, we can beat Lafayette in soft-ball.

The following attended the frolic: Philip Shaheen, '26, Carlton Roberts, '25, Walter Woolley, '19, Milton Briggs, '30, Charles Gallagher, '25, Henry Wainright, '34, C. Gerard Layman, '39, Cornelius Ackerson, '35, John Petillo, '32, Charles Wolbach, '18, Charles Wolbach, Jr., '40, William Ayres, '25, William Bunin, '38, Leslie Drew, '22, George Ely, '32, Chris Coll, Jr., '36, John Gardner, '39, Sam W. Laird, '15, Sam Ostrolenk, '21, Frank Brown, '13, Edwin Ban-

field, '40, Harry O'Brien, Jr., '34; also as guests, Dan Sullivan, Park Mason, Allan Bloch, and H. H. Atchinson.

C. A. Wolbach, '18, *Chairman*

Coming Events

The annual New York club football dinner will be held at the Murray Hill hotel, Tuesday, October 22 with Walter Okeson, '95, as toastmaster. Speakers will be Coaches Harmeson and Calvert as well as Jock Sutherland and Dick Meehan, famous spinner of yarns. The meeting will be arranged by G. R. "Bucky" Macdonald, '19.

The next meeting of the Northern New Jersey club is tentatively scheduled for November 14 as a football gathering at the Suburban Golf Club at Union. George Spalding is in charge of affairs.

The Lehigh Home Club will hold its fall meeting at the Elks Club in Allentown on November 8 as a dinner and smoker.

Dale H. Gramley,

University news editor, and a representative of the athletic department will be speakers at the Northeast Pennsylvania Lehigh club dinner scheduled for November 15 at Scranton.

Also on November 15 the Pittsburgh Lehigh group will hold its fall football smoker with Pete Peck, '33, as chairman.

The Central Jersey Lehigh club will be host to Lafayette and Rutgers men at the annual Middle-Three dinner, Monday, October 7, at the Trenton Country Club. Dr. Neil Carothers, dean of the college of business administration, will be the speaker.

The Maryland Lehigh club is tenta-



R. W. Wieseman, '16, president, chats with H. G. Reist, '86, host to the summer outing of the Schenectady club.



Among those at the summer outing of the Buffalo Lehigh club were (back row) Bock, Drake, Wahle, Link, Chisholm, Purdy, Morrison, Lentz, Clark, Clark and Clark. In the front row are Roblin, Puffer, Ranahan, Lehman, Braumberns and Maher.

tively scheduling November 1 as the date for their fall dinner. Details will be announced later by James S. Bayless, president of the club.

On October 23, Cleveland alumni will join other Lehigh men attending the annual Metals Conference, at a noon luncheon to be held in Parlor "C" of the Hotel Statler. Speakers will be Professors Bradley Stoughton and Gilbert Doan who will talk on campus events, and Ben Bishop, '34, who will describe the current athletic situation.

Schenectady

Behind the faultless pitching of George Konolige, '34, the Miller All-Stars triumphed over the Coxe Blue Ribbon Boys at Schenectady's summer outing, September 21, at the farm of H. G. Reist, '86.

The feature event of the afternoon was a softball game in which all present participated. The winning side was captained by Walt Miller, '34, of Albany. Members of his team were Bob Wieseman, '16; Tom Fisher, '29; Ed Broughal, '37, all of Schenectady; Bob McCurdy, '39, of New York City; George Konolige, '34; Fred Groff, '35, and Gene Fleming, '38, all of Albany. The losing team was captained by Nels Coxe, '34, of Schenectady. Members of his team were Hook Baldwin, '96; Ed Gallagher, '36; Jim Bright, '39; and Norman Bell, '39, all of Schenectady; John Mosher, '10; Dick Clark, '22, of Albany; Ed Stem, '32, of Troy; and Bob Herrick, '34, of Bethlehem. George Baker, '07, of Schenectady, was the referee who rendered all the excellent and unquestioned decisions.

Other recreation was provided by horse-shoes and bullsessions.

Beer and soft drinks were served during the whole afternoon, and a picnic supper was prepared at 5:00 p.m. Much enjoyment was experienced by the members in cooking their hot dogs on a stick over an open fire.

The outing broke up at about 7:00 because of approaching darkness. Bob Herrick had planned to catch a train back for Bethlehem at 8:50, but his chief escorts, Miller, Groff, Gallagher, and Konolige got waylaid someplace and it was necessary for Bob to wait over for a later train. However, from all stories given the writer, no one seemed to mind the slight mishap.

Nelson Y. Coxe, *Secretary*

Washington, D. C.

About forty members attended the luncheon meeting of the Washington Lehigh Club, held on May 29 at the University Club.

Guest speaker was Lieut. Comdr. B. L. Austin, Public Relations Officer of the Navy Department, who discussed the Navy's part in the nation's defense. Those attending the luncheon were especially interested in what he had to say of the European situation, and also the possibility of Japan's action in the Pacific.

At the meeting R. Lee O'Brien, '33, was again elected secretary-treasurer and F. G. Macarow, '20, president.

Buffalo

Prime event of the Lehigh Club of Western New York was its annual summer outing which was held at the Buffalo Launch Club on Grand

Island, Wednesday, July 24 with 18 on hand for an afternoon of baseball, horseshoe pitching, egg throwing and miniature golf.

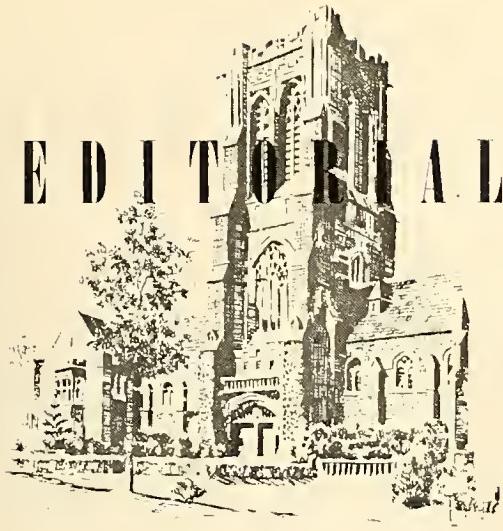
The famous Buffalo test of skill and valor, the egg throwing, was an outstanding event of the afternoon with Chisholm mainly being on the receiving end. Chisholm's "Chiscraft" also added to aquatic merriment.

Northern New Jersey

The 4th annual beer-bunging party of the Northern New Jersey Lehigh Club was held at Singer's Grove, Springfield, N. J. on June 14. The crowd came early and stayed late. Northern New Jersey claims the softball championship of the alumni by forfeit, since the New York club team failed to appear. Even at that all the boys got their exercise when a game was called with twenty men on each side, the outfield, was littered with players—? After the game, thirsts slackened and appetites appeased, President Trainer called for reports and the slate of the nominating committee headed by Gil King. As a result Helmstaedter, '28, was chosen president for the next year, Kingham '25, vice-president; Ransom '26, treasurer; Blackmar '30, sergeant-at-arms, and Loux '35 continued as secretary, all by acclamation.

The new president, Helmstaedter, took over and introduced Jim Morrison, '28, from the New York Club, who spoke on the Student Grant Situation and so effectively that before he left some twenty dollars had been contributed and several gifts to Lehigh.

(Continued on page sixteen)



EDITORIAL

Selective Service

Burke-Wadsworth Bill (Sec. 5CF) "Any person who, during the year 1940, entered upon attendance for the academic year 1940-41 . . . and who while pursuing such course of instruction at such college and or university, is selected for training and service under this act prior to the end of such academic year, . . . shall upon his request, be deferred from induction into the land or naval forces for such training and service until the end of such academic year, but in no event later than July 1, 1941."

BUT in no event later than July 1, 1941."

With these words the Burke-Wadsworth bill leaves to the future a decision that will affect hundreds of thousands of present and prospective college men—and their Alma Maters.

There are few people who take exception to the provisions of the conscription act, fewer who question the wisdom of its motives but every thinking Lehigh alumnus owes it to his college to keep an eye to its effects.

As developed in the Okeson-Smiley-Leonard discussion, conscription may well strike at the colleges from three angles, first, by actual reduction of the student bodies through induction of men, second, by employment opportunities which may entice undergraduates and last by discouraging prospective students from planning careers based on a college education.

Taking as a keynote the preparedness theme now current, Lehigh men should anticipate the most serious conditions which might affect their Alma Mater and thus be in advance of the situation rather than caught napping. And the loss of even 50 students would be a serious matter.

Largely, action must take the form of advice to students or prospects that they avoid throwing overboard their careers in the excitement of impending military service. For at the end of the year's training, there is no certainty of continued army requirements.

And employers who might offer tempting positions when members of their firm are inducted into the service, are re-

quired, at least morally, to reinstate these men on their return.

In the excitement of the moment, it may be forgotten that a college education is still the best investment; a hard thing to remember when drums and bugles lead the other way. But Lehigh men are a hard-headed lot who can put youngsters on the right path by saying, "Conscription by all means—but chances are good that you'll be in business for a long time afterwards."

With this attitude and a harder-than-ever effort to keep top-calibre young men coming to South Mountain, Lehigh men will be rendering a service to their nation and to their University.

Concerning "Billy"

THREE is a certain personal possession which comes and goes with the man, "Billy" Cornelius—the personality injected into his work.

This became evident when, after four years as executive secretary of the Alumni Association, he resigned to become secretary of Lehigh's diamond anniversary. For regardless of his tireless work which was vital in such major projects as the Library remodeling and the financing of the Henry M. Ullmann wing, it is his intensely human personality, his ready smile that endeared him to thousands of alumni.

In his new office in the Library, "Billy" will be carrying on a project which will be as lasting in its manner as the monuments in stone which he has helped to make reality. Here he will turn his skill to a record of Lehigh from its founding to the present time which will preserve for future historians the flavor of the early days. Here, too, will be the ready smile to greet alumni and friends who visit the campus. The loss to the Association has been a gain for the University but as always, both goals are the same.

Enlightened Alumni

THE sage Aesop once told of a certain rustic who started happily to market astride his donkey only to run into various counsellors with strong S.P.C.A. affiliations. The net result was that he actually reached town carrying the beast. The moral, which Aesop always managed to inject, was of course, that heeding too many advisors lands you behind the eight ball.

What Aesop's farmer really lacked was a sense of proportion. In an alumni association, for example, the more armchair pilots, the better. Nothing is so encouraging as a viewpoint, even if it embraces the remodeling of Packer Hall as a home for blind mice. At least the alumnus is thinking of Lehigh. And nine out of ten have a good idea, or at least the germ of one which, properly adapted, will make for a better University.

The need now is for a thoroughly enlightened alumni group, co-ordinated in its thinking for the good of Lehigh. Subscription to the BULLETIN brings about the first and in turn, the second. For in these pages will be found featured the latest news of the University plus the aims and problems of the Association as they develop. BULLETIN readers are already the first line of alumni. Upon them falls the responsibility not merely of "keeping in touch" but of thinking and leading for Lehigh.

Development of the Empire

As Condensed from "Dravo—Afloat, Ashore, Underground"



Here is a sketch of the great era in the Dravo's enterprise when Ralph (pictured at left with F. A. Merrick, '91 and Dr. Richards, then president) and Frank saw their early effort develop in a vast firm whose services spanned the continent through many allied fields.

IT was seen, as the last article concluded, that plant and equipment for Dravo construction jobs were being maintained by a warehouse and repair shop. These were located on the now-famous Neville Island. As joint demands increased with the general up-swing in business, the Neville Island base was destined to become a complete machine shop, steel fabricating shop and ship yard.

THE transition in the Keystone Sand and Supply Company came at the beginning of an important second decade in the 20th century which found the two Lehigh men, Frank and Ralph Dravo, in the prime of life, keen, energetic and with broad vision, both in their early forties.

The years had seen their company continually entering new fields—machinery sales, heavy engineering, construction, and the production and sale of sand and gravel. Each bore the mark of Frank's keen engineering ability and was supported on a financial foundation marked by Ralph's particular ingenuity in that field.

In this second decade the company sank more than 50 shafts and slopes for coal mining. It built some 20 bridges and numerous dams for indus-

trial water supply. As a matter of fact, the Catskill Aqueduct which preceded the present Delaware Aqueduct and was for a quarter of a century the backbone of New York City's water supply, was then under construction and Dravo sank 19 of the 26 access shafts required.

One of the early acquisitions in personnel involved another Lehigh man, V. B. Edwards, '12, who had just received his C.E. degree at Lehigh and was soon to become superintendent of the Neville Island plant. In turn he



Frank Dravo's 50th birthday coincided with the Silver Anniversary of the company he founded. In this picture of the birthday dinner, he sits between Thomas E. Doyle, left, and his brother Ralph M. Dravo.

became general manager of this branch of the business — the Engineering Works Division and even today directs it as an adjunct of his office as president of the corporation.

The first world war also gave impetus to the Dravo business when expansion in steel mills required extensive foundation work. The booming field of industrial water works, pump houses and intakes also demanded new methods and designs which fell on the Neville Island plant. This unit was formally organized in 1918 into the Engineering Works Department in which, as indicated, Edwards played an important part.

But in the meantime, Frank Dravo's inventive genius had not given way to the time-consuming demands on his executive ability. Primary among current innovations was the integral cast steel bucket chain digger, as incorporated in Keystone's dredge #3, pioneer of the type that has since been in use.

Another improvement which he supervised was the replacement of hopper type wooden barges by steel equipment in which the load was carried on the deck in a cargo box supplied with drains. Then Frank Dravo turned his attention to terminal facilities for improved handling of aggregates and

adapted the revolving locomotive crane principle into a whirler type crane which was so applicable to dock operations that it attained tremendous popularity among shipbuilders.

TYPICAL of the Dravos, their subsequent entry into the steel barge business was prompted by prevailing high prices. Again they resolved to build for themselves. The first steel barge slid down the ways on May 1, 1915 and today Dravo is approaching its 2000th hull with such vessels floating on most of the nation's rivers as well as in every important harbor.

But it was 1917 and the war made outside demands on Dravo time. Ralph was appointed Pittsburgh district chief of the Ordnance Department, the same line of work which Frank Bell, '97 and Dan Berg, '05 are directing in Pittsburgh during the present emergency. Ralph spent his full time on the job and performed with such distinction that he was decorated by Congress with the Distinguished Service Cross.

That the Dravo Corporation continued to grow in stature in that decade, however, is indicated by the gross income of the combined enterprises which had totalled \$787,840 in 1902. By 1920 they had passed the six and a half million mark and by 1930 the figure was \$13,362,000. The growth in turn was another testament to Ralph's ability, for the company had grown by re-investing profits and without resorting to outside financing. Frank and Ralph were by now assuming the roles of controlling executives with their time divided among the various activities in proportion to their requirements.

FRONT the time of the launching of the first steel barge, the Dravos anticipated an increased demand for floating equipment and until 1921 averaged slightly less than 28 hulls per year but in 1929 a top year was reached with 163 completed units. In 1927 shipbuilding activities were extended to the East coast by establishment of a site on the Christiana River at Wilmington, Del.

In the problem of propulsion, diesel engines were now the newest thing but the stern wheel was still indicated for river traffic and the high revolution ratio of the diesel could not be reconciled with the low speed of the stern wheel. The solution of this problem was reached in 1927 through the development of the Dravo patented reduction gear. This, combined with the

splint stern wheel, one-half of which was connected to each of the reversible engines for added maneuverability, solved the problem.

Two years later another progressive step was taken by anticipating the efficiency of electric arc welding in barge design. In spite of the current skepticism, the Dravos, with typical insight, experimentally welded one of their deck barges. The results by now are history. By 1939 there was not one riveted hull among the 136 launched from the Dravo yards.

Turning from the Dravo enterprises for a moment, it is interesting to note the continued loyalty to Lehigh which was exhibited by Frank and Ralph Dravo even under the circumstances of demanding executive duties. Frank served as vice-president of the Alumni Association in 1901, as president in 1905 and 1927 and two terms as an alumnus trustee, from 1908-11 and 1928-34. Ralph also was an alumnus trustee, his period of office being from 1915-18. Their active part in encouraging alumni projects as well as their financial assistance were marked through the entire period of their active lives. This, in addition to their faith in the Lehigh product as exemplified in the hiring of such men as Dan Berg, '05, E. T. Gott, '06, V. B. Edwards, '12, S. P. Felix, '03, and L. C. Zollinger, '09. As time progressed, other Lehigh men were constantly named to fill the ranks of Dravo employees. That their choice of men was as wise

as it was loyal to Lehigh is evidenced in the present positions of these Lehigh pioneers—Dan Berg being chairman of the board, V. B. Edwards, president of the corporation and Stepper Gott, Sam Felix and Luther Zollinger all being vice-presidents.

Dravo growth was also evidenced in the Keystone Sand Division where from 1921-30 the capital investment rose from \$600,000 to \$4,000,000. Heavy investments in which new equipment kept pace with the expanding business and additional terminal outlets were climaxed in the modern plant at South Side, Pittsburgh. Ten islands in the Ohio and Allegheny rivers were purchased to insure future dredging locations.

The General Contracting Department was now carrying toward completion three major projects for the U. S. Engineers with seven more lock and dam contracts soon to be added. At Dam 23 on the Ohio river a Dravo idea in Cofferdam design used sheet steel pile and at Dam 32 in Kentucky, construction was completed by sinking of floating caissons.

EVIDENCES of early land construction may be still seen throughout the entire East. Thirty sub-structures and a number of super-structures were included in eight crossings of the Ohio river. Dravo work is particularly well-known to Philadelphia where the South Street and University bridges were constructed in their entirety by Dravo as

A mark of the humble beginning of the Dravo enterprise was this building which housed the early engineering necessities between 1893 and 1896. This early Dravo location was on Liberty Ave. in Pittsburgh, Pennsylvania.



well as the Twin Arch bridge for the Pennsylvania Railroad. Sub-structures of the Tacony-Palmyra and Burlington-Bristol bridges across the Delaware were additional undertakings. Nor were activities limited entirely to these fields. Docks were constructed at important points, small bore tunnels in Pennsylvania and Ohio and the foundation bases for the University of Pittsburgh's "Cathedral of Learning." Too, the Dravo Corporation found time to lend a hand to subway construction in New York City and to the beginnings of the vast new water supply system for the city of Boston.

Meanwhile the machinery division was progressing through the sale of centrifugal pumping units in Philadelphia and Cleveland, both contracts being for complete installation to the operation point. When electric drives were indicated, Dravo stepped rapidly into this field with projects at Philadelphia and Baltimore. Even selling and renting of contractors' equipment was undertaken in 1923 when a new company called the Dravo Equipment Company was organized. After ten years of separate operation it became a division of Dravo-Doyle.

Lehigh again entered prominently into the picture in 1926 when Mr. Doyle retired as president of the com-

pany and was succeeded by Dan Berg, '05, the present chairman of the board. He had been previously vice-president and general sales manager of Dravo-Doyle. At this same time, an arrangement was made with the American Tubular Elevator Company for distribution of their products. The company had for several years been manufacturing tubular steel towers for construction purposes in place of the ordinary wood construction. The advantages were obvious and business grew with such tremendous rapidity that during the construction boom of the late twenties, the towers were used in a large majority of tall buildings throughout the country where other Lehigh men often had a part in the engineering.

So by the beginning of the third decade of Dravo endeavor, a small machinery firm had been launched into a well integrated organization with interlocking service as well as a general industrial market. All wholly owned companies were now organized into one corporation, including Machinery Division, the Contracting Department, Keystone Sand and Supply and the Engineering Works. As was fitting, the name alone that marked the consolidation of years of hardship and ultimate success was simply "Dravo".

As if this shaping up of the organization into one great whole were to be a climax of their lives, both of the brothers lived but a few years afterward. On February 26, 1934, Frank Dravo, still active at the age of 67, took a train for his office. That train never reached Pittsburgh and Lehigh lost a son who Walter Okeson described as actually part and parcel of this University of ours.

"He was not merely a Lehigh alumnus and trustee", Okeson added, "but rather he exemplified in the truest sense the Lehigh spirit of which we are so proud".

Nor was Ralph Dravo to survive his brother for any length of time. On November 11 of the same year he died of a heart attack in his home at Sewickley Heights, Pa. at the age of 66. Here again Lehigh lost a son whose loyalty and enthusiasm for Lehigh was unbounded. What was said of Frank can indeed be said of Ralph for always they had acted as one in their devotion to their college.

The era had come to an end. The firm has gone on under Lehigh leadership but something of the splendor of the pioneering age went with two Lehigh men whose name stands high on the skyline of Pittsburgh and in the hearts of thousands of alumni.

With the Lehigh Clubs

(Continued from
page twelve)

Ransom announced the success of the second Annual Spring Dance which was attended by more than three hundred. He also stated that the club is now definitely in the "black" with all bills paid and that a donation had been made to Grants in the name of the club.

Among those present were: Trainer, Helmstaedter, Stein, Kingham, Hunoval, Roll, Casselman, Current, Thum, Irwin, Moser, Eathart, Larsen, McComb, Scarlet, Picking, Jacobi, Harris, Busch, Ellison, Homeyer, Gilbert, Lawton, Borton, Blackmar, Morrison, Weiss, Cleveland, Brady, King, French, Ransom, Hull, Wilson, Lyons, Robinson, Spalding, Herbert, Freiday, and Loux.

Bud Loux '35, Secretary

Pittsburgh

The inaugural affair of the Pittsburgh Lehigh Club's 1940-'41 season was held Friday, September 13 at the Edgewood Country Club, Pittsburgh. The date, selected for the unlucky

golfers, and ominous in its portent, proved no handicap; the day was clear, and the favorites came through. Twenty-five golfers, good and bad, battled with par, none successfully. The largest crowd in recent years, fifty-three in all, enjoyed dinner. Chairman Bob Holt's ('35) and committee-member John Brewer's ('31) fine efforts were thus rewarded.

Brewer's selection of prizes was most appropriate. Murray Rust '34 with a tremendous high gross, received a book written by a famous and successful pro. Bill Reed, our regular "foreigner" from Carnegie Tech was presented with a traveling case for the lowest number of putts. Al Osbourne '09, drove closest to the pin on the short fourteenth. Bob Frey '30, won the Kicker's Handicap. "Ev" Green '33, took top honors with a 79 for low gross.

President Bill Davis '24, asked each alumnus to rise and introduce himself at dinner. This fine idea gave all a chance to brush up on his fellow alumni. Bill then introduced Al Cox,

president of the class of 1940. It is indeed the good fortune of the Pittsburgh Club to have Al here with us. There were four other members of the baby class present. They were properly introduced and welcomed into the Club.

Our own meeting was curtailed in order that we might respond to the invitation of the American Society of Tool Engineers, who were also banqueting at Edgewood, to hear their speaker, Major Al Williams, noted speed pilot and newspaper columnist. In view of world events, and Major Williams' authoritative knowledge, it was a great stroke of luck that we could listen to his fine, informative talk.

Bill Davis '21, president, and Joe Throm '11, vice-president, have scheduled three more meetings for the coming season. "Pete" Peck '33, will chairman a football rally and smoker the week before the Lafayette game. Jack Latimer '18, the father of our annual dance, is going to have charge of the third annual affair late in Janu-

(Continued on page eighteen)

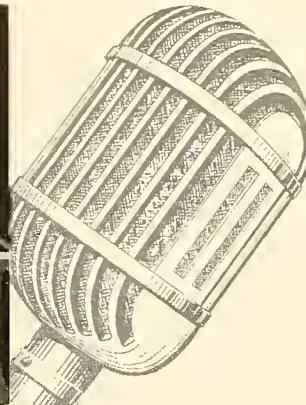
Bach Festival Goes a-Calling

THE audience at any performance of the famous May Festival of the Bach Choir is a critical group.

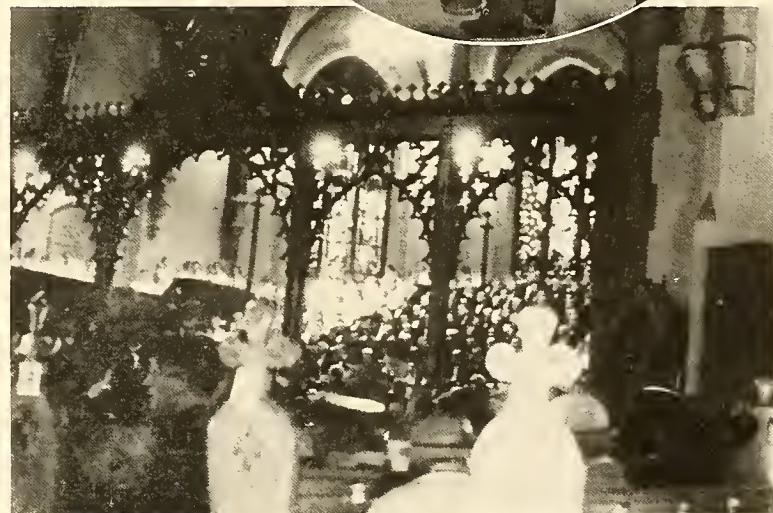
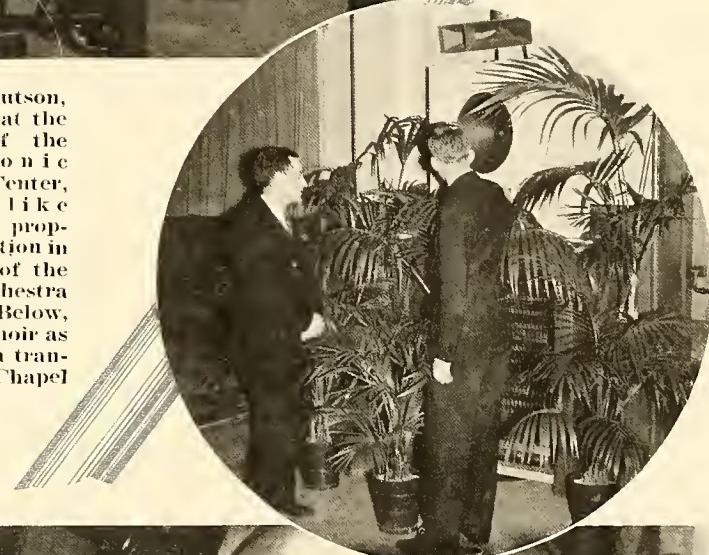
No ordinary folk drawn by curiosity are those who yearly fill the Packer Chapel at Lehigh and crowd the lawns to hear performances by the Bach Choir, the finest soloists available and musicians from the Philadelphia Symphony Orchestra. Indeed, during the past 28 years the Chapel has become the destination of a pilgrimage for many thousands of music lovers in this continent and in Europe.

Since the founding of the Choir, the music of Johann Sebastian Bach has been presented in a manner which must have been traditional even in the day of the composer. In the chancel of the spacious Chapel, tiers of seats are arranged which accommodate the two hundred members of the Choir. Directly in front and below them are the instrumentalists and in the foremost position the soloists. Years of experience have dictated the positions as best to suit the acoustics of the Chapel.

With all these things playing an important part it was no small problem when Directors of the Choir decided this year to transmit the program by an amplifying system to the auditorium of Packard Laboratory where an additional six hundred music lovers might be accommodated. The solution of this problem by Henry C. Knutson, Associate Professor of Electrical Engineering and Ifor Jones, Director of the Choir, has gained acclaim as one of the more successful adaptations of stereophonic transmission in which an attempt is made to reproduce the music in its correct perspective. An additional point to be considered was whether the attendance at a reproduced program would be sufficient to make the project self-supporting. But after careful consideration of all factors involved and with a certain amount of faith, a satisfactory system was finally devised.



Prof. Knutson, above, sits at the controls of the stereophonic monitor. Center, amplifiers like these gave proper reproduction in full value of the soloists, orchestra and choir. Below, the Bach Choir as seen from a transept of the Chapel



Courtesy Western Electric Co.

Basic problems which were faced immediately were the desirability of:

1. A range of tone which would cover all notes with fidelity.
2. Capacity to cover the rather unusual range of volume.
3. Reduction of noise and distortion to a minimum.
4. Possible achievement of a perspective.
5. Some control on the reproduction of reverberation in the Chapel.
6. Flexibility of equipment.
7. Reasonable cost.

THE method agreed upon "to take the listeners right into the Chapel" was a two-channel system which actually covered sound from both sides and reproduced it with the same perspective in the auditorium. The man at the controls had earphones in which the ear pieces were independently connected to the left and right channels so a balance might be established and volume controls permitted individual adjustment so that both channels might be mutually faithful to the performance. The controls were completed

by a pre-testing system with which the monitor could check all lines and balance before the program had begun as well as during the transmission.

The speakers in the auditorium were, of course, established at a distance approximating that between the right and left microphones in the Chapel. The placement of the latter involved a problem for the compact arrangement of the Choir and orchestra, as well as the effect of a massive oak rood screen separating the performers from the audience, had to be considered. To add to the difficulties, at no time before the final dress rehearsal did the orchestra take part with the Choir and soloists and in Bach choral music the balance between the orchestra and the singers is critical since both are equally important.

It was determined to use microphones of the 639A type which have a heart-shaped or cardioid pattern of reception. These, set with their planes directed at the center of the Choir, produced a balance at dress rehearsal so nearly perfect that no further adjustments were necessary. The microphones were in fact so selective that when the double basses directly in front of the Choir seemed to predominate, they were placed almost directly below the microphone (nearer to its dead zone) with a satisfactory decrease in volume. The predominance of the organ in the right microphone

was also reduced by the same method. THE placing of the center microphone gave proper emphasis to the soloists and secondly, moved forward the center of the virtual stage, as the use of the two side microphones alone would have given the impression that the center of the reproduced stage was in the background.

At the controls were men thoroughly versed in the music to be transmitted. Professor Cyril Hoyler, of the Moravian College for Men and a former member of the Choir, operated the controls in Packer Chapel. In the auditorium Jack Stein, who had assisted in some of the musical arrangements, acted as operator and critic. Men were also placed on an order wire at each end of the circuit. Immediately before each of the sessions, these men balanced the amplifiers and took a quick overall frequency run using a dummy resistance load. During the performance little monitoring was attempted except for a slight increase in the level of the center microphone during solos.

Perhaps the best testimonial to the success of the installation as well as to the stereophonic effect was audience reaction. No particular advance publicity had been given out since it was desired that the public should form its own opinion. The attendance at the first session was poor but the same people returned for succeeding sessions and in each case brought friends. At

the last session the six hundred seats were completely occupied.

Audience comment indicated that after the first few minutes the listeners were completely under the illusion of the Choir and orchestra being hidden behind the curtain at the front of the auditorium. The behaviour of the audience indicated complete absorption in the music for the slightest disturbing movement drew silencing glances and many followed the music note by note from open scores. During the magnificent crescendos in the F Minor Mass the audience sat almost breathless only to sigh audibly when the music suddenly dropped to the barest whisper.

WELL known musicians commented on the clarity with which five, six and eight separate vocal strands in the choruses of the B Minor Mass could be heard. Indeed the reproduction was so faithful and the clarity and balance so unusually defined that the slightest mistake could be detected. Since the reverberation time in Packard Auditorium is lower than that in the Chapel, the clarity and distinctness of tone was actually greater in the auditorium than in the rear of the Chapel.

Science had satisfied one of the oldest, most critical audiences and it was agreed that the reproduction was in keeping with the dignity and tradition of the Bach Choir.

With the Lehigh Clubs

(Continued from page sixteen)

ary. In the Spring we will have the annual banquet with Al Osbourne '09, in charge of arrangements.

These parties will be great fun and will give a rounded program. But for every-day campus gossip, word-fest, and Lehigh spirit, the weekly luncheons, held every Tuesday noon at the Harvard-Yale-Princeton Club, can't be beat. From time to time guest speakers will be scheduled. Every Lehigh man permanently located in, or visiting Pittsburgh is urged to attend.

H. E. Lore '35, Secretary

Home Club

Nearly a hundred members and friends of the Home Club gathered at Haaker's Hollow Country Club, Phillipsburg, N. J., on the afternoon and evening of Friday, July 26, for their annual Summer outing.

Following lunch, a golf tournament was held and Lawrence F. Reed, turning in the best card, won the prize.

An informal dinner was held at 5 o'clock at which Ben Bishop, president of the club, presided. Informal speeches were made by Walter Okeson, Glen Harmeson, and John Trimble. Entertainment, including cards and quoits, followed. Winners at quoits were Donald Barnum and William Cummings. A prize in a guessing contest was won by Donald Sawyer.

The following were members of the committee on arrangements: J. K. Conneen, R. S. Bennett, Donald Barnum, C. L. T. Edwards, Donald Sawyer, Robert Herrick, Frank Murray, Ben Bishop, George Rupp and A. A. Schwarzbach.

Allentown

A Luncheon Meeting of the Allentown Lehigh Club was held at the Livingston Club in Allentown on September 24, 1940.

E. T. Satchell acted as Chairman of

the Meeting in the absence of Warren W. York and expressed his appreciation that "out of the brush" several new faces appeared, and hoped our next Meeting would produce many more and that we may become better acquainted and carry on an enjoyable active Lehigh Club.

It was decided to effect a permanent organization, which resulted in the selection of the following officers:

Warren W. York, Pres.

George A. Rupp, Vice-Pres.

C. Vaughn Converse, Sec. & Treas.

George A. Rupp, Chairman of the Committee to arrange for a Lehigh-Muhlenberg Smoker in Allentown on Nov. 8 at the Elks Club, reported that the Bethlehem Home Club desires to join with the Allentown Club in holding the Dinner and Smoker, which met with unanimous approval by those present at the meeting.

C. Vaughn Converse, Secretary

A New Job for "Billy" Cornelius



ON August 1, William A. Cornelius, '89, known variously as "Billy" or "Wacie" to thousands of Lehigh alumni, began a new chapter in an amazing career for on that date he left his post as Executive Secretary of the Alumni Association to accept a new position as secretary of Lehigh's 75th Anniversary program scheduled for 1941.

Prior to 1936, when he originally assumed executive responsibilities with the Alumni Association, "Billy" had already retired after 25 years of service with the National Tube Company in McKeesport, Pa., where he had been manager. But actual retirement could not be found in the Cornelius vocabulary. In Philadelphia, where he made his home at this time, he took an active part as an officer of the Community Fund and served as national treasurer of the Brotherhood of St. Andrew, so it was no surprise to his friends and acquaintances when he came to Bethlehem to direct the activities of Lehigh alumni.

That "Billy" should now be chosen to head up the 75th Anniversary is particularly appropriate. Graduating from Lehigh at a time when the university itself was only 24 years old, he has been close to and prominently identified with the amazing growth of his Alma Mater through its most vital years of development.

One of the primary objectives of the 75th Anniversary, as now conceived, is the accumulation of source material which will provide for all time a first hand account of the inside story of Lehigh. Looking forward to the time when a complete history of the university will be written, possibly on the occasion of the centennial anniversary, the administration sees the value of collecting these facts now. Another 25 years will see the passing of a host of men who have been "the makers of Lehigh". Only from them can a true story be obtained. Then

with perspective of 25 additional years, the history may be told not only intelligently but completely.

WITH this thought in mind Mr. Cornelius has taken an office in the Library and as a prominent part of his duties as secretary will collect vital material with the insight of one who has known Lehigh and its men.

In commenting on his resignation as Alumni Secretary, "Billy" has addressed this general statement to alumni:

"In giving up my job as Executive Secretary of the Alumni Association, I want to record the real joy I have had in serving you and to thank you all for the hearty cooperation and help you have given me. I also want to ask for Robert F. Herrick, who served as my assistant and who is now your Acting Secretary, the same help that you gave me.

"President Williams has appointed me Secretary of the General Committee arranging for the celebration of the 75th anniversary of the founding of Lehigh University so I will still have my contact with the University and expect to continue living in Bethlehem."

"We will have some doings in June but the main celebration will come in October 1941 on the 10th, 11th and 12th, details of which you will hear later.

"Every good wish to you alumni, members of the faculty, student body, the staff of the Alumni Office and Mrs. Cornelius' and my friends of Bethlehem."

The important thing, after all, is that "Billy" continues in the service of Lehigh, now engaged in a work which through time to come will provide an accurate picture of the great years that have passed.



The "Big Brown Team"

Varsity How many victory bonfires will burn on South Mountain this fall is a big question mark. The number of alumni letter complaints to headquarters and the coaching staff will depend not only upon the showing of the varsity, but on the freshman scores.

Hopes are soaring high in some circles, but the problems here in Bethlehem are still difficult ones to solve. Much of the success of the 1940 gridiron campaign will depend on the proper evaluation of potential material available to meet the demands of a trying, if not attractive schedule.

What are some of these problems?

First—The loss of 13 veterans of the past two seasons must be met by training and developing inexperienced sophomores and juniors. Yet, there is little here for a good foundation if records of the past two freshman elevens mean anything.

Second—Academic difficulties cut into the ranks even deeper, and Coach Glen Harmeson was not especially pleased when such promising candi-

dates as Jackie Rau, quarterback, and Bill Foster, tackle, were not returning to the campus for study or football competition.

Third—The schedule, with some light but not brilliant name rivals, is not particularly satisfactory. One must consider that the first four games will pitch unusually strong opposition against the Engineers. All four—Virginia, Case, Rutgers, and Penn State—will outclass Lehigh in quantity and experience of manpower.

Wholesale replacements in the backfield will be necessary. Here, however, Harmeson is better off than on the forward wall where material is scarce, inexperienced, and at times mentally keyed up for something other than football.

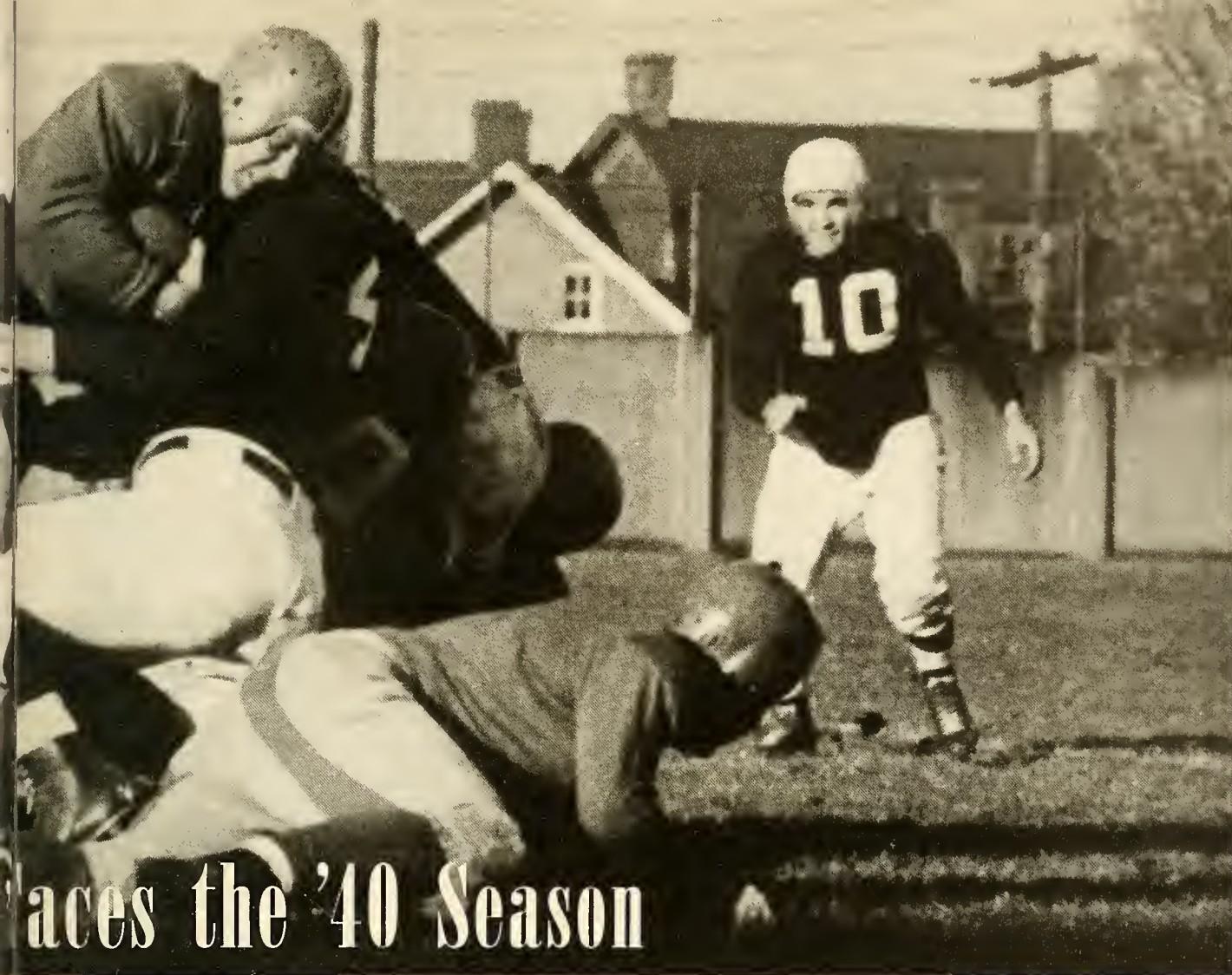
At the present time, it appears that an entirely new backfield will force

holdovers out of regular starting berths. Jack Lampert, junior quarterback who saw little action as a guard last season, is being looked upon as furnishing more than adequate field generalship in comparison to recent years. This Carlstadt, N. J. back knows the fine points of leadership and may prove to be the outstanding discovery of the season. "Dixie" Walker appears to be gunning for his best year as he alternates with Lampert.

Sophomores may rule in the half-back division although Joe Ambrogi has displayed his determination to fill the difficult blocking and plunging role left vacant by graduation. Bill Hayes, Edward Cavanaugh, and Bernie Deehan have revealed that they mean business in ousting juniors and seniors out of starting lineups. Charles Conover, Emery Loomis, Jack Hunt, Clarence Louden, Steve Smoke, George Ried, and Harry Olinsky complete the backfield and should see plenty of action.

Considering all aspects of the backfield situation it is safe to say that

By
Charles J. Moravec
Assistant University News Editor



aces the '40 Season

Lehigh should have a much improved field generalship, its backs will be heavier, faster, and harder drivers in addition to average passers and kickers.

The line presents an altogether different picture. Only the center and guard spots seem to be in a well fortified condition. Inexperienced tackles and wingmen for the greater part have the physiques and ability, but must show more determination and fight before there is abundant rejoicing.

Captain Bill Hauserman will again be the stalwart man on the line at left guard. Supporting him at this berth will be Francis Kotulak, another senior; Stan Grossman, shifted from tackle; John Burgio, Jim Pfeffer, Jack Caproni, Tom Golden and Earl Parsons. Phil Rodgers, husky Chester senior, in pre-season drills looked as if he were destined for the center job with Walt Prelle, another veteran letter-winner and Bob Green, a sophomore, as reserves.

Up to now Harry Clarke, Rhode Island sophomore, looks like the best tackle because he has coordination and drive. Don Eastlake and Bill Freder-

ick seem to be battling it out for the other tackle post with Joe Kaszycki and Bob Smith as the only other reserves.

The wing berths may cause the coaches serious headaches before the season is too old. Bob Bailey, Summit, N. J. sophomore; and Emmett White, Hillside, N. J. junior have the edge on size, but "Hank" Reuwer, Harrisburg junior; Bill Danshaw, Tamaqua senior; and Bill Simpson, swimming captain from Elizabeth, N. J. cannot be discounted at this stage of preparation. "Red" Elmes and Bob Simpson, two sophomore newcomers, although small, may break into the lineup be-

VARSITY FOOTBALL	
Opponents	Where Played
September 28	
University of Virginia	Charlottesville, Va.
October 5	
Case School of Science	Cleveland, Ohio
October 12	
Rutgers University	Bethlehem, Pa.
October 19	
Penn State	Bethlehem, Pa.
October 26	
Hampden-Sydney	Bethlehem, Pa.
November 2	
Haverford	Bethlehem, Pa.
November 9	
Muhlenberg	Bethlehem, Pa.
November 16	
Lowell Textile Institute	Bethlehem, Pa.
November 23	
Lafayette	Easton, Pa.
All Home Games will start at 2 P. M.	

Photo by Dr. Henry Rothrock
cause of their speed and defensive spirit.

Hugh McNeill in the "Blue Book of College Athletics" summarizes the Brown and White prospects adequately when he states: "William Hauserman, Lehigh captain and guard, is one of few vets left to Coach Harmeson, but this boy is an inspirational leader and classy at the mechanics of football. Hauserman should help the new boys find themselves and, if so, Lehigh will be tough."

Each of the rivals on the schedule will present some baffling problems. Down in Charlottesville, Va., bespectacled Coach Frank Murray looks for the Cavaliers' best season in several decades because he has 21 lettermen available, a well balanced team, and plenty of big reserves. Ray Ride at Case in Cleveland appears to be concerned about the selection of starters because he has a wealth of material at his disposal at every position.

During the past two years Harvey Harmon has lost only two games at Rutgers, but this year he is faced with the problem of finding capable

replacements for his graduated stars. However, the Scarlet yearlings were big and tough last fall. Penn State, as has been the case during the past four years, is ready to uncork a bewildering passing and running attack, having enough players on hand to carry out Bob Higgins' assignments.

This year's Houseparty game should furnish enough thrills to the visiting gals because Hampden-Sydney is a colorful and tricky outfit. Down in Virginia the Tigers are rated as an upsetting team and are known for a brand of football comparable to Gettysburg, Franklin and Marshall, Muhlenberg, Bucknell, and Dickinson here in the Keystone State. Haverford will have easy sledding until they come to Taylor Stadium on Nov. 2, but they almost caught us a year ago.

Although Muhlenberg, according to press reports, will miss last season's regulars, Coach "Doggie" Julian need not worry as he has a band of husky sophomores for a little tougher schedule than last fall. Lowell Textile, up in Massachusetts, will come to Bethlehem the week before the traditional Lafayette battle, and since the Weaners usually present a coordinated unit on defense and offense, the Engineers cannot bog down this weekend. The Leopards at Easton still have Sammy Moyer and Walt Zirinsky who helped win Lehigh victories in 1938 and 1939. Replacements on "Hooks" Mylin's aggregation will be plentiful and versatile. The Maroon schedule is a tough one in October with N. Y. U., Army, Gettysburg and Muhlenberg coming one right after the other, but Mylin may have another wonder team as in 1937.

Freshman One of the cheerful topics of the first weeks of this academic year was the freshman football squad practicing

PRE-SEASON dope indicated that these men would hold starting berths. They are, left to right on the line, Simpson, Clarke, Hauserman, Rodgers, Kotulak, Grossman, and

under Paul Calvert and Earl Heins. It was cheerful conversation because of the 81 candidates reporting on Sept. 10, there were enough big players to form the nucleus of what Lehigh men hope to be a new era in the gridiron on South Mountain.

However, there are three points to consider. Big men does not necessarily mean experienced or versatile players. Coming from various environments and coaching tactics as well as systems players must be taught the Lehigh style of play and coordinated into a working unit. Some of the biggest boys can fail to meet academic requirements. From all reports the majority should pass this last hurdle if their previous scholastic ratings mean anything. The coaches will do everything possible to whip them into shape and train them in the Engineers' style of play. Some of the boys will develop physically within the next two years.

Calvert said after the first week: "We may not win all of our games, but we certainly should give our rivals some trouble where we have been weak in the past five years." The schedule is about the same with the Muhlenberg freshmen and Bordentown Military Academy replacing Hun School and Perkiomen Prep.

It's too early to predict who will be the stars. But, here are a few names who will get into print at their respective posts: Richard Shafer, Allentown, and Claude Kurtz, Berwick, centers; Albert Baker, Summit, N. J.; Donald Bennell, Cleveland, Ohio; Donald Brownlee, New York City; William Hittinger, Bethlehem; Glenn Murray, Larchmont, N. Y.; Stanley Szymkowski, Greenfield, Mass.; all backs; George Gawthorp, Philadelphia and Frank Donato, Dunmore; tackles; William Frey, York; and Robert Wertz, ends.

Soccer Fifty-one candidates were invited to report for the varsity soccer squad by Coach Harry Carpenter early in September, and have indicated in drills to date that this year may see a change in the final season's tabulation when it comes to victories and losses.

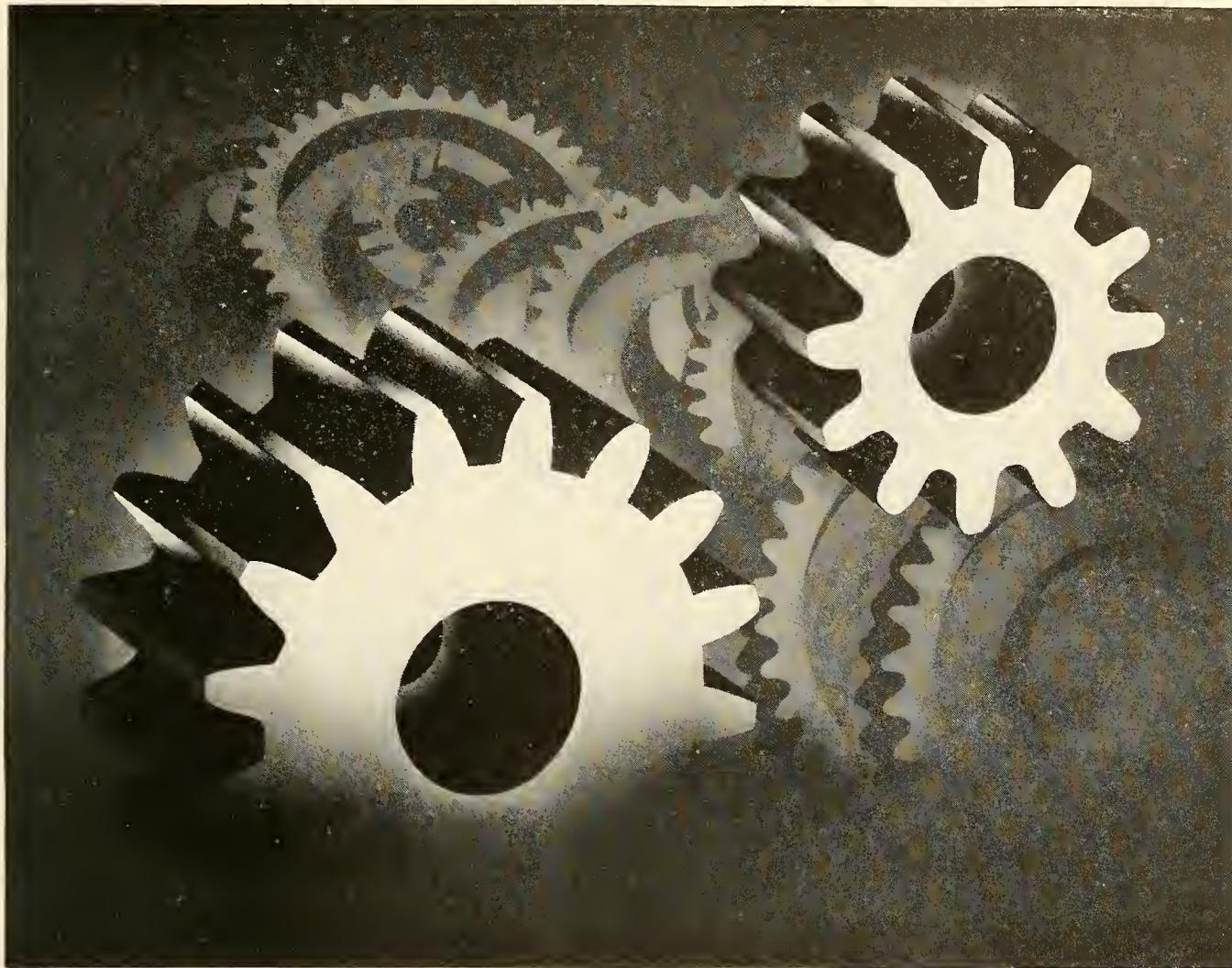
Three opponents on the ten-game schedule appear on paper to be out of Lehigh's class because of manpower—Army, Navy, and Princeton. A Middle Three championship may be added for the first time in 27 years as Lafayette and Rutgers have lost veteran star booters.

Captained by Gus Riemony, the Brown and White booters have ten lettermen available from last season. Ward Detwiler, Ray Anderson, Joe Scott, Vernon Adams, and John Deming look like sure starters. Musa Eways, former Reading High star, has returned to the ranks after a year's absence because of injuries, and should see plenty of action. A contingent of aggressive sophomores who lost only one game a year ago is also on hand.

Coach Morris Kanaly has had little time to check thoroughly on the prospects of the cross country squad this fall. The Engineers will miss the services of "Whitey" Elmer and George Lennox who were graduated in June.

White. Top, left to right, are Lampert, quarterback and Loomis, fullback. In the lower panel above, are Smoke, left half and Ambrogi, right half. Hauserman, 47, is team captain.





GETTING THE JUMP ON MAINTENANCE

There are two kinds of deferred maintenance on heavy duty equipment. One is simply that the operator has a way of letting things go until major, and expensive, repairs are unavoidable. The other is due to the inherent ability of the machine to run for long periods without requiring maintenance.

Manufacturers reduce the effects of operating wear and tear by building modern materials into their machines at vital spots. Thus, for example, a builder of heavy duty material handling equipment for mines

uses Nickel-Molybdenum (SAE 4640) steel for the all-important drive gears.

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FOLLOWING THE Lives OF LEHIGH MEN

CLASS OF 1889

*George W. Harris, Correspondent
12 Holland Terrace, Montclair, N.J.*

Off again to a new start for the college year 1940-41 with a bunch of interesting letters from classmates and news signals from the Oracle at Bethlehem at hand.

Those who were not back at Bethlehem last June missed, among other festivities, the 50-Year Plus Club dinner which was attended by twenty charter members including the following '89s: Barnard, Berger, J.C. and W.A. Cornelius, Johnston, Lincoln, Oberly and Shimler—not a bad record for the Class of '89. Before dismissing thoughts about last June, it is evident that life's problems and activities of the members of the vintage of 50 Years Plus and those of the recent Lehigh graduating class are quite different. In the words of Mr. William C. Knudsen, of General Motors fame and now a prominent member of the National Defense Commission: "Older college men are used cars, the younger graduates are new models." Often true but (as Mr. Knudsen will doubtless agree) a used car does not necessarily mean just "scrap iron." There may be a lot of good yet in a "used car" of good material and design—especially when a Lehigh product.

From "usually reliable sources" comes the following information: Frank Carman and his wife for some time have been at The Shelbourne, Atlantic City, N.J.; and Lansford F. Chapman and his wife have just returned from Hotel Lafayette, Asbury Park, N.J. The above classmates enjoy the "Sad Sea Waves", which term, however, may be a poetical expression for the grand old ocean brings health and pleasure to so many; perhaps, sad to relate, "unseaworthy" folks do not find so much joy and gladness in a "home on the rolling deep"—that "roll" may banish joy.

At a recent "press conference" with Emil Diebitsch, it developed that he enjoyed a visit this summer with his sister, Mrs. Peary, at her island home in Casco Bay, Maine; with friends in New Hampshire, and at the home of his nephew on Long Island. Diebitsch has long been identified with Nutley municipal affairs and still actively participates in civic and social work in his home town.

Last winter Dick Morris spent several months in Florida and on his return north has been living quietly at his home, 6604 Wayne Avenue, Philadelphia, Pa.

Our "representative at large", John Lincoln, keeps busy as usual in his various activities; when not supervising his coal interests at the plants, he is attending mining conventions and other conferences; he also keeps up old friendships and some newer ones, including his children and their families who visit the "old folks" at the homestead in Elkhorn, W.Va.

Atherton B. Wadleigh is now living at 2102 W. Adams Street, Phoenix, Ariz. This city is the capital and largest municipality of the state, has an altitude of 1100 feet and is located on the Salt River which runs through a valley almost surrounded by high mountains.

It was a matter of much surprise and great regret to learn very recently of the resignation of "Billy" Cornelius as Executive Secretary of the Lehigh Alumni Association. Details of this change are found on page 19 but, among others, his classmates will miss his hearty greeting and cheery personality at

Lehigh club meetings.

From the records, it seems that a goodly bunch of classmates are vulnerable to attack by way of congratulation on the anniversary of their birthday this month of October—septuagenarians all — to wit: Diebitsch on the 11th—Fisher 5th—Foster 12th—Lincoln 11th—Porter 29th—J.B. Wright 16th. Wishing you as many returns of the day as you really desire—and may they all be most happy ones.

CLASS OF 1890

*H. A. Foering, Correspondent
Bethlehem Trust Bldg., Bethlehem, Pa.*

It is exceedingly gratifying to have so many of those who were able to come to our Golden Anniversary write and tell how tremendously they enjoyed this wonderful occasion, and of the rare privilege of a comparative few to whom it comes.

We entered some 121 freshmen and there were added as we went along some 20 more, a total of 141. Of these, we think about 40 are living. The exact number is not ascertainable as there are 12 whose whereabouts are unknown, most of them for over a quarter of a century. Of the living, only 31 can be regarded as active members of the class. 19 of these were present. If the eye of any of the lost ones falls upon these lines it would be wonderful to hear from him.

A delightful letter was received from Sherman, who from July 26 to September 5 was at his camp, Shawondasee, at Fayette, Maine, where he has spent his vacations since 1900. In view of the splendid time we all had in June he says that he, Tex Barrett, and Jimmie Alcott have vowed to return every year until the snow blows hot.

Pratt, Barclay, Riddick, Turner, Sohon, Straub, Perkins, Schnabel, Landis write in the same vein. Boys, what a time we kids will have!

On his way to New York, Pratt called upon Prindle, whom I think he missed seeing; Sherman reports that he called upon Warinner who is getting along fine.

"Dr." Schnabel had some three or four columns in the Philadelphia *Inquirer*, illustrating how to retire at 70, after 49 years as a teacher. Just think, teaching Greek for 49 years! And still able to talk in English!

And now in sadness and sorrow, we must bow our heads in memory of Potter, president of the class of '90, always a loyal active member, who passed along on June 20.

CLASS OF 1891

*Walton Forstall, Correspondent
Ithan Road, Rossmont, Pa.*

Three more members for the Three-Score-and-Ten Club! Corbin, August 2; Stilson, October 21; Coxe, November 6. Only a few more to come.

Forstall and Miller were the sole '91 men back in June. They were happy to see the class head the list in the highest percentage of payments of any kind to Lehigh during the past year. '91 has an enviable record of this throughout her history and always responds loyally to appeals from her secretary.

In June 1941 will come our 50th Reunion. There are 41 men living with known addresses, who in the past have been connected with the class. Soon the secretary will write to each one and urge his attendance. This year the class of '90 continued its remarkable reunion

record. It had already won the '91 Reunion Cup at its 40th and 45th reunions, and in June it won the Cup again, returning 20 men out of a possible 31.

'91 has never won her own Cup. This is our last chance for it, and we should celebrate Lehigh's 75th anniversary by a fine representation.

CLASS OF 1895

*Walter R. Okeson, Correspondent
Lehigh University, Bethlehem, Pa.*

Well, here is this "dead-line" approaching again and me as class correspondent behind the eight-ball as usual. What's the news of '95? Get busy, Okey, and see what you can dig up.

First, I turn to some of the letters which have come in since Alumni Day from my classmates. Kappella says "To you to whom these reunions are an old story it was doubtless just another drop in the bucket, but to the PRODIGAL SON, like myself, who had not seen the boys for 45 years, it was momentous. Believe me, I am coming up to Bethlehem again before I croak."

"Cal" Burgess writes "like my phiz much better in the farm picture than in the one on the steps of the Alumni Building in uniform."

"Slim" Murray could not come to the reunion on account of ill health but we sent him a complete '95 costume at his request. Back came a letter saying "Thank you so much for the costume. I thought it was a corker, and Lord! how I wish I could have had it on and paraded with '95."

There were other letters and Bob had some too, but I can't find them, so we will turn to other and more serious matters. Since our reunion in June, '95 has lost two more of its members. William A. James died of coronary thrombosis at Chautauqua, N.Y., on August 2. William A. Bowie died in the Mount Alto hospital, Washington, D.C. on August 28 after an illness of several weeks. As the "Grim Reaper" takes his toll, we survivors of the glorious Class of '95 should be drawn closer together. We must keep '95's flag flying.

Right now make up your mind to come back next June for our 46th Reunion. The President of the Class of '01 has invited us to have dinner with them at the Saucon Valley Country Club on the night of Alumni Day. That was an appreciated compliment to what he so kindly called (he was feeling pretty good) "The best class Lehigh ever graduated." He will have to square himself with his classmates for that remark, but why not be present to give him our moral support.

In all seriousness, I am calling on you, my classmates, to give to Lehigh this year, and every year, your moral support. The record '95 has made is a remarkable one. Every Lehigh project has found '95 either in the lead or near the top in percentage of contributors. I would like to see one year—this year if possible—with every '95 man doing something, no matter how small, for Lehigh: an active member of the Alumni Association, an Alumni BULLETIN subscriber or a contributor of a "Gift to Lehigh". Any one of these, or all three, if possible. Don't let us wait until only a half-dozen of us survive to become a hundred per cent class.

CLASS OF 1896

*W. S. Ayars, Correspondent
269 Leonia Ave., Leonia, N.J.*

This day, the 9th of September, I have received a communication from the BULLETIN that this column is due on the 16th inst., or just one week hence. Being a great believer of the Do it Now principle, when doing it happens to be convenient, I shall make a start on said column, for I am quite sure that I have as much to write about now as I will if I wait another week.

Enclosed with the letter from the BULLETIN were two change-of-address slips. These have been duly entered in my card catalog, and hard up as I am for material, I am not going to fill up space with giving them here. If anybody is interested, and wants to know these changes he can write me and ask for them enclosing a stamped envelope for his reply. And nobody will, I feel quite sure. Wanna bet?

YOU GET A TWELVE-FOLD SAVING from



1 Ruptures in outside ply eliminated—because it is under the *same tension* as inside plies—therefore no “broken backs” to shorten belt service.

2 Freedom from ply separation—because plies under equal tension cling together and work as a team, each strengthening the others and therefore

3 Longer fastener life—because strain is uniform.

4 Can be operated on smaller pulleys—because plies are compensated for even tension and belt flexes naturally and easily without strain.

5 Less bearing, shafting and hanger troubles—because Condor Compensated with special low-tension surface,* can be run slack and still grip the pulley throughout the arc of contact.

6 For heavy loads, plies may be increased with same pulleys—because ply stresses, where belt flexes around the pulley, are borne equally by all plies.

7 Operation less affected by atmospheric conditions—because construction permits running belt at low tension.

8 Higher overload capacity or margin of safety—because of high coefficient of friction surface on pulley side, which keeps the belt gripping the pulley.

9 Less wear on pulley side—because belt may be operated at lower tension without increase in slip or creep and without “chatter.”

10 Can be dressed without injury to belt—an important feature.

11 High production efficiency—because operation is uninterrupted by need for frequent “take-ups,” pulled or broken fasteners or premature belt failure.

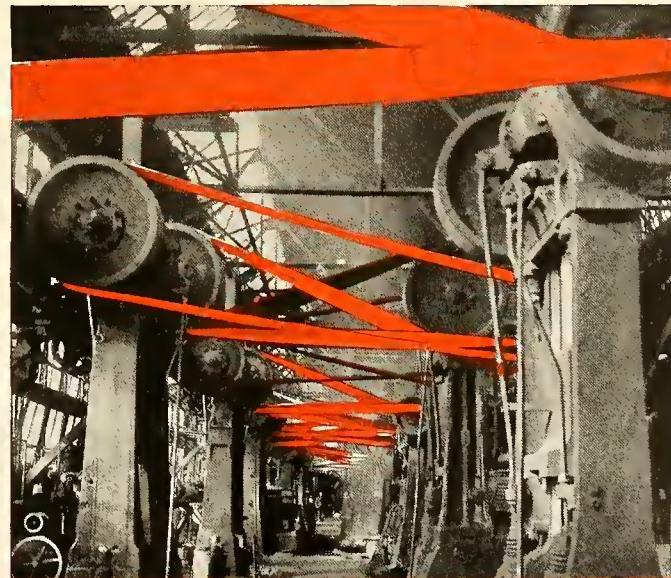
12 Material reduction in belting costs—because Condor Compensated lasts so long that it outearns its cost.

*Also available in Type F where rubber friction pulley surface is desired, and Type B where some slip is necessary.

If you want the details in picture and words, write for Bulletin 6808-C

Condor
PRODUCTS

- Conveyor and Elevator Belt
- Transmission Belt
- V-Belt
- Air Hose
- Contractors Hose
- Fire Hose
- Hydraulic Hose
- Oil and Gasoline Hose
- Sand Blast Hose
- Steam Hose



Condor
PRODUCTS

- Suction Hose
- Water Hose
- Chute Lining
- Launder Lining
- Industrial Brake Blocks and Lining
- Molded Rubber Goods
- Rubber Lined Tanks
- Rubber Cavered Rolls
- Abrasive Wheels
- Bowling Balls



THE MANHATTAN RUBBER MFG. DIVISION
OF RAYBESTOS-MANHATTAN, INC.
EXECUTIVE OFFICES AND FACTORIES

36 Townsend St., Passaic, N. J.

F. H. WILLIAMS, '39

A. J. KUTZLEB, '13

WM. WARD, '95



Alumni of classes just before the turn of the century will recall this cast of Mustard and Cheese in "Gutta Percha" girl. Close observers may spot Tom Girdler, Bob Farnham among those present. The year was 1889, the production a comedy.

There is never any word from Sam Dessauer, except his annual postcard urging the faithful to show up at the June meeting of the B.E.Y.C., and for the first time in some years, I did not obey the summons. I have heard from some who did, and I gather that it was not an especially joyous occasion, and the attendance was pretty skimpy. I hope that those who did not show up are conserving the remnants of their senile strength for next June—for that will be our 45th anniversary.

What made me think of Sam was the fact that I recently heard from an aunt of mine, who lives in Wilkes-Barre, and she enclosed a clipping from the Wilkes-Barre Record, to the effect that a burglar or burglars had descended on the ancient and respectable village of Montrose, and amongst the domiciles they had visited was that of Mr. Samuel M. Dessauer. However, it seems that the loot taken from the Dessauer mansion consisted wholly and only of a hat belonging to a male guest. And I am still wondering whether Sam didn't fancy that hat himself, and invented the burglary to console his guest for its disappearance. Sam, you know, is and has long been a bank president.

During May, Mrs. Ayars and I took a trip south, taking in Jamestown, Williamsburg, Yorktown, Richmond and various other places, and stopped over the week-end with Rosie Thoro at Charlestown, Md. Here Rosie's son, Bill, operates a thriving boat building and repair yard, very much aided and abetted by his father. Rosie has a fine residence there, where he now lives the year round. He calls it "The Bungalow" but it's as large as three or four of the buildings usually called by that name. He has two large snow-white extomcats, and at the time I was there there was also a mamma-cat with a family of five. Bill and his wife live nearby and go in for dogs. A pair of very efficient and competent colored women and gardener-chauffeur complete the menage.

I still hear from Pop Pennington and Cully Daboll, neither one of whom appears to take kindly to getting old. I can't say that I really enjoy it myself, but I've given up lamenting about it. What's the use? Personally, I feel as well physically as I did twenty years ago, and I haven't had to consult the M.D. since I had typhoid fever in 1901. However, I am quite

a profitable patient to my dentist. I still keep a small "den" at Columbia and run over there two or three times a week, but am entirely relieved of all academic and pedagogical labors.

CLASS OF 1897

J. H. Pennington, Correspondent
P. O. Box 159, Trenton, N.J.
*Again a little smoke lazed up from off my big cigar.
Again the armchair's warm embrace enticed me from afar.
I dreamily mused on years gone by, years that with hope were fraught,
Years that tried my youthful soul, at least that's what I thought.*

* * *

*I madly rushed the New Street hill, and through the gate I bore,
Before Jim Myers, at eight fifteen, could close the chapel door.
Chapel o'er, my soul refreshed, I sauntered up the hill
To Packer Hall, "Love's trysting place," oft against my will.
There I struggled with my Math., Bridges, Kinematics,
Machine Design, Materials, and good old Hydrostatics.*

*Ley pulling was the fashion then—an art we all adored,
But dear old Lambert simple quoth, "That's easy; fill the board."
Thermodynamics took its toll, like other rare hobgoblins.*

Until the crowning torture came—Metallurgy Problems.

I garnered zeros right and left, and absences galore,

Until a note from Prexy's den said "Caution, Pop! No more!"

Then I grabbed Plug's ornate auburn beard, and tossed him round the room.

I fed him silicon and sulphur from a red hot wooden spoon.

I smothered him in phosphorus, manganese and ash, carbon and titanium, and then, with an awful crash,

I broke a formula o'er his head, the one we thought so vile

* * *

*And woke to see Cynthia's sable face, wreathed in a Senegambian smile.
She filled my cider mug again, I lit my big cigar.
And settled back in calm content that things are as they are.*

Do you fellows ever have a Lehigh nightmare? I frequently do, and I invariably think that I am about to graduate but cannot until I pass a Freshman subject. That is strange, because I never had a Freshman condition. However, all dreams are strange.

Bob Noerr wrote me in June that he had then been in the Hartford hospital since October '39, due to some bugs, as Bob called them violating his person to the extent that he now has to learn to walk all over again. The bug's name has twenty-eight letters, and Bob added a question mark. I was glad of that as I always can understand a question mark. Bob had time to reflect while in the hospital, as he recalled to me the time that we decorated P. & R. engine No. 97 with our class colors. This engine pulled the train to Philadelphia which carried the Liberty Bell back from the Columbian Exposition, at Chicago, in the Fall of '93. Remember how we gathered around her, at the Reading station? Remember how we watched for '96 men who might have been rash enough to try to remove our colors? And how relieved we were when the train pulled out for Philly—and how proudly that old engine puffed out the '97 class yell all those 57 miles. Bob expects to learn walking by June 1942, when he will attend our forty-fifth.

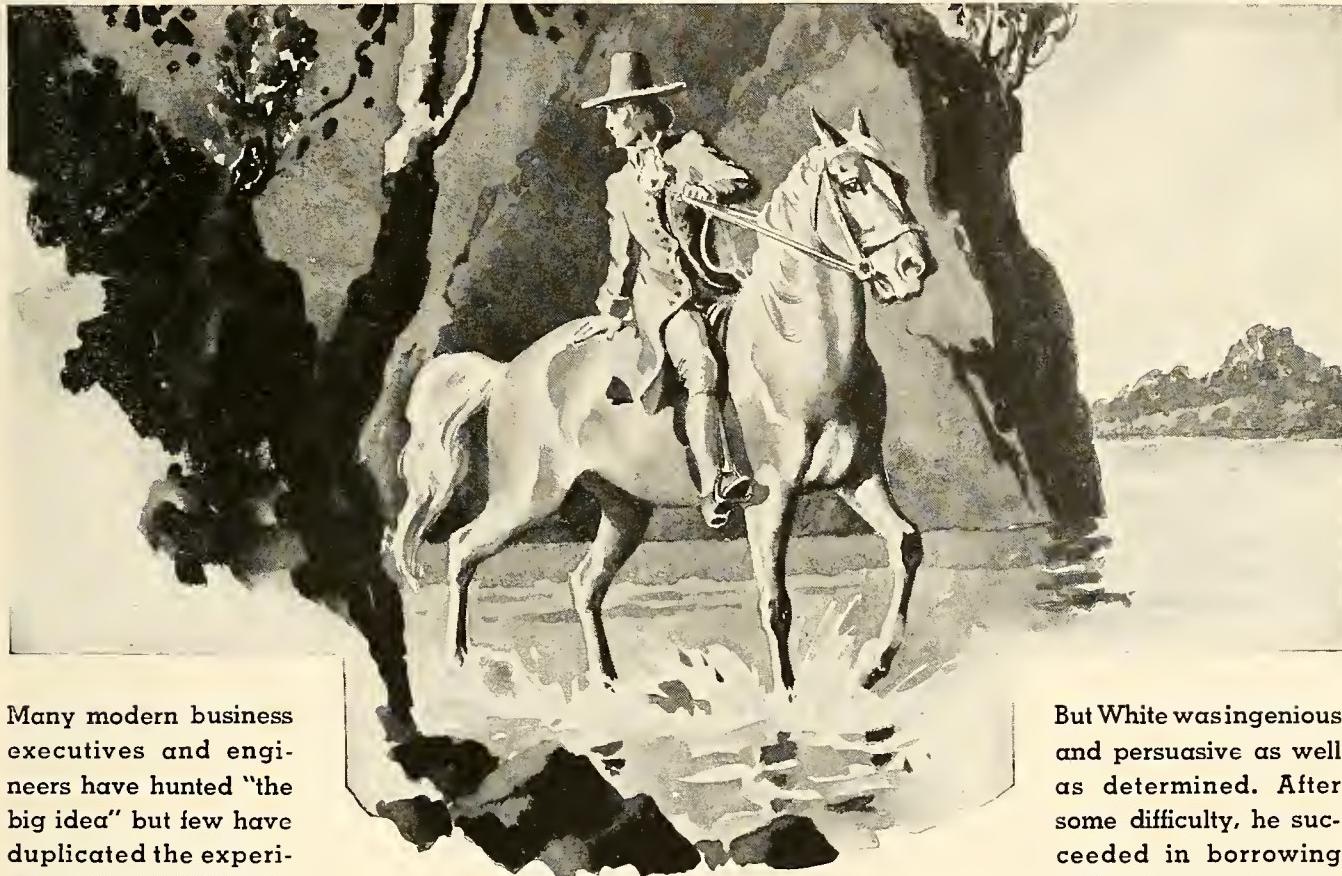
Kid Brady has also written me. He stressed the double A quality of the milk he imbibes, strawberries, and fine vegetables—always making me regret that I have not returned to the farm.

Of course John Sheppard would not forget to write me while on his annual vacation trip to some tremendously high mountains, in North Carolina. John says "To rub it in, am sitting in front of fires and using double blankets at night." Well, who didn't? I had the fireplace blazing, at home, also the oil burner going in the cellar furnace, also the blankets. And it did not cost me any traveling expense either, so, wot-tell, John?

P.S. The band still needs two more sousaphones.

HE BORROWED A HORSE

... To Find A Big Idea!



Many modern business executives and engineers have hunted "the big idea" but few have duplicated the experience of Josiah White. To find his "big idea" this American industrial pioneer borrowed a horse!

During the opening years of the nineteenth century, restless, imaginative Josiah White was proprietor of a nail mill at the Falls of The Schuylkill. The mill's business was unprofitable and White began to think of transferring his energies to another field. He was attracted by an infant industry—the mining of hard coal. In 1817, he determined to explore the section of Pennsylvania that is now the heart of the anthracite region.

But White's plan immediately encountered an obstacle that has wrecked many ambitious projects. He had no capital. He could not afford the simplest surveying instruments. Worst of all, he even lacked a horse to carry him through the wilderness!

But White was ingenious and persuasive as well as determined. After some difficulty, he succeeded in borrowing both a horse and a surveyor's transit. For six cold nights, he and his companion — Erskine Hazard — slept in the open. Later, some friendly settlers in the Mauch Chunk Valley permitted the explorers to sleep on the kitchen floor.

White returned from his journey with nothing of immediate commercial value. But he did bring back his "big idea". He had discovered that the Lehigh River could be made navigable — that up-state anthracite could be given passage to the rich Philadelphia market.

Out of White's idea grew the famous Lehigh Canal — forerunner of today's transportation system that rushes clean, "fresh" Old Company's Anthracite overnight from mine to you.

LEHIGH NAVIGATION COAL COMPANY INCORPORATED

The Old Company



Main Office:
FIDELITY-PHILA. TRUST BLDG.
PHILADELPHIA, PA.

CLASS OF 1898

*David H. Childs, Correspondent
Camptown, Pa.*

Here's the news in a nutshell about several of the boys: Cy Roper has been visiting in Buffalo where I hope to see him in a few days; Roots Daggett is in the far West, having sent me a card from Yellowstone Park; (his mailing address is 1864 Marine Parkway, Brooklyn, N.Y.) and Jack Horner's son, H. Mansfield Horner, has been appointed general manager of the Pratt & Whitney aircraft division of the United Aircraft Corporation, certainly a responsible position for any man in these days. And you know that Jack himself is doing some important work on a Federal Board along production lines.

Then, too, there's Mike Gunsolus. I cannot get him in a nutshell, so I'll try something larger. Mike, you know, is the grand organizer of parades out his way. He wrote me last May that he was Grand Marshal of the Memorial Day parade, which he was last year, but this time, in addition to the regular marchers they would have a hundred navy men and a regiment of the National Guard. In addition to all this Mike had charge of the Veterans at their church services on the preceding Sunday, the services starting in one church at seven o'clock and in other churches at various hours until one o'clock. (I guess we'll have to give Mike credit for his Chapel attendance for that day).

During August Mike and Mrs. Gunsolus drove into Wisconsin, and then by way of the Sault, Ottawa and Montreal to Brandon, Vt., to visit their elder daughter, which to my mind would be more fun than leading a long parade.

Who? Me? I've been having a busy Summer and am just now on a little fishing trip at Sodus Bay, N.Y., resting and getting in some neglected work on Class correspondence.

CLASS OF 1900

*E. T. Satchell, Correspondent
1319 Hamilton St., Allentown, Pa.*

It's been some time since the fame of the double "O" has been completely exploited in the Alumni BULLETIN so here's an attempt to follow the lives of some of us and possibly of more of us as time goes on and news comes in.

Perhaps it's not strange to begin with retirements. After all, the insurance companies have been plugging "retirement values" for years and some of the boys are already enjoying a deserved freedom from the grindstone.

Mike Honan really heads the list for after 39½ years with the New York Telephone Co., he has retired on pension. Mike, as you know, was traffic engineer for the firm and lived in Yonkers. Now he has his residence in New York at 2277 Andrews Ave.

Norm Powell and Elliott Kitchell are a couple of other "retirees". Norm, who is now at 965 Linden St., Sharon, Pa., was formerly superintendent of the Open Hearth Dept. of the Duquesne Works of Carnegie-Illinois Steel, and Elliott, who lives at 561 Prospect St., Maplewood, N.J., was with the Bradstreet Co., until 1938.

You'll remember Joe Martin. News comes that he is now senior engineer for the Federal Power Commission in Washington and is living at 409 Lee Blvd., Falls Church, Va. His P.O. Box is 444. But in Meixell's case, there are probably few who run across him due to his forsaking the East for the glories of Spokane, Wash. "J. L." is local manager for the Glant Division of the Atlas Powder Co., in Spokane and is living at 1329 S. McClellan St. I hope the plant is safer than some of those here in the East.

Latest news we have on Harry Seiple is that he continues as track draftsman for the Department of City Transit, Philadelphia. Harry lives at 902 S. 57th St., there.

Billy White continues to hold sway as chairman of the board of directors of the Union Mills Paper Mfg. Co., New Hope, Pa. He is also credited on the alumni records as holding top rank with the Universal Paper Bag Co. in the same town. The White home is across the river in Princeton, N.J. and is addressed simply as "Hill Top".

Landy Laubenstein maintains his law offices in the Post Office Building in Ashland, Pa., but still goes to his residence at 308 S. 2nd St.

Ochs is right here in Allentown in the can-

tracting business with offices at 132 Linden St. He lives at 2037 Liberty St. which I believe is a new address since the last time H. T.'s name appeared in the BULLETIN.

In case you haven't heard from Hugh Chapman recently, the latest is that he is treasurer of the Carolina Cotton Yarn Co. in Utica, N.Y. Hugh is living at 32½ Scott St. there.

Which is enough news for a starter and perhaps enough to make us think back 40 years (which really aren't so many) to Professors Chandler, Frazier, Merriman and R-r-r-ringer, with the resolve to think a little more about Lehigh this year. And anyone who shirks this responsibility shall be required to memorize the following from our Epitome and, believe it or not, referring to the sons of '00, "The world needs us and we need the hard knocks the world will give that we may nerve ourselves to do worthy battle for the high rewards which always come to those who are strong and daring. So, 'pressing forward in the struggle, up the mountain side of fame,' we go, up to where the swinging portals of the century open the way to higher and better things for the Class of Nineteen Hundred."

CLASS OF 1901

*S. T. Harleman, Correspondent
110 Wesley St., Bethlehem, Pa.*

June 1941 will mark the 40th Reunion of the Class of 1901, so we are starting early to remind all of you of this truly momentous occasion. As a great majority of our class are regular readers of the BULLETIN, much of the publicity regarding the reunion will be carried in the class column. From time to time

in New York. Two nieces are at Mount Holyoke and Elmira College, respectively. Yen's address is No. 166/4 Avenue Dubail, Shanghai, China. Your correspondent would like to suggest that a flock of you fellows take time off to write a letter to Yen.

CLASS OF 1903

*E. R. Morgan, Correspondent
Lehigh University, Bethlehem, Pa.*

Bob Herrick has made a special request that each class have material in its column for at least several issues at the start of this scholastic year.

Your unanimous approval of a blank space for the Class of 1903, for the past year, makes me very reluctant to risk your displeasure by complying with Bob's request. This feeling is enhanced by the fact that I have not a single news item to present except that Louis W. Evans is listed as Engineer, National Board of Fire Underwriters, 222 W. Adams St., Room 953, Chicago, Ill.

Very occasionally I see Andy Becker, George Beck and Dick Cunningham. As far as I know, they are all well, although Dick had a rather tough siege of sickness last Winter. He is all right now.

Has anyone heard from Dyer Smith lately? If so, please send me news about him. As this is being written, London is receiving its worst pounding and Dyer could undoubtedly tell us a lot about it, if he has time between bombs to drop a line.

CLASS OF 1905

*W. H. Lesser, Correspondent
Clarks Green, Lackawanna County, Pa.*

In order to get sectional news, these district reporters have been appointed: Dan Berg, Nick Funk, Henry Clay, Bill Estes, and Norm Merriman. Mail your news items to me on the first day of each month; they will indeed make the column more interesting.

The reunion held in June was a big success. Dr. Estes and his fine wife are to be commended for their imitable hospitality in entertaining the boys at their home in Saucon Valley. The highlight of the meeting was the discussion regarding the relative precociousness of the children of Dan Berg and Arthur Murray.

Several of our men have been so delighted in their work that they are now on a pension for the rest of their lives, and that is something.

Bill Borries attended the reunion, and I think it was his first since 1905. Bill is in the coal business in Kentucky.

You should have seen Nellie Nelson and Walter Buck. They are the heavyweights of the class.

Lacrosse was the popular game—Norm Merriman still showed his old style (?) in running with the ball.

Class reunions, like your friends, become more worthwhile as time passes; and why so few men participate in them I cannot understand.

We regret, indeed, to learn of the resignation of Billy Cornelius. He was always a welcome guest at our meetings in the anthracite coal mining area.

Records from the alumni office show F. C. Ryan and Walter E. Brown are unemployed. I am sure they will appreciate your help in getting them jobs.

H. Q. Layman is now with the Maritime Commission, Washington, D.C. He previously worked for Pusey & Jones.

Bill Ostermaier is located in Erie, Pa., where he represents a number of machine tool manufacturers.

Henry Clay's son is developing into a prominent surgeon.

My boy is building airplanes in the G. L. Martin plant in Baltimore, Md.

CLASS OF 1906

*N. G. Smith, Correspondent
Fort Pitt Bridge Works, Pittsburgh, Pa.*

Another collegiate year started, which reminds all of us that we've been out a little while and there's a REUNION coming along next June. So begin to make your plans right now for that trip to LEHIGH for the 35th. Just be downright grateful for being alive



YEN TE CHING
"your correspondent would suggest"

however, all class members will receive circular letters giving more details than can be set forth in the column. At any rate, consider this the first call to the 40th Reunion in June 1941.

We had the pleasure of a chat with J. Wallace Shaeffer and Mrs. Shaeffer in the lobby of the William Penn Hotel, Pittsburgh, early this Summer.

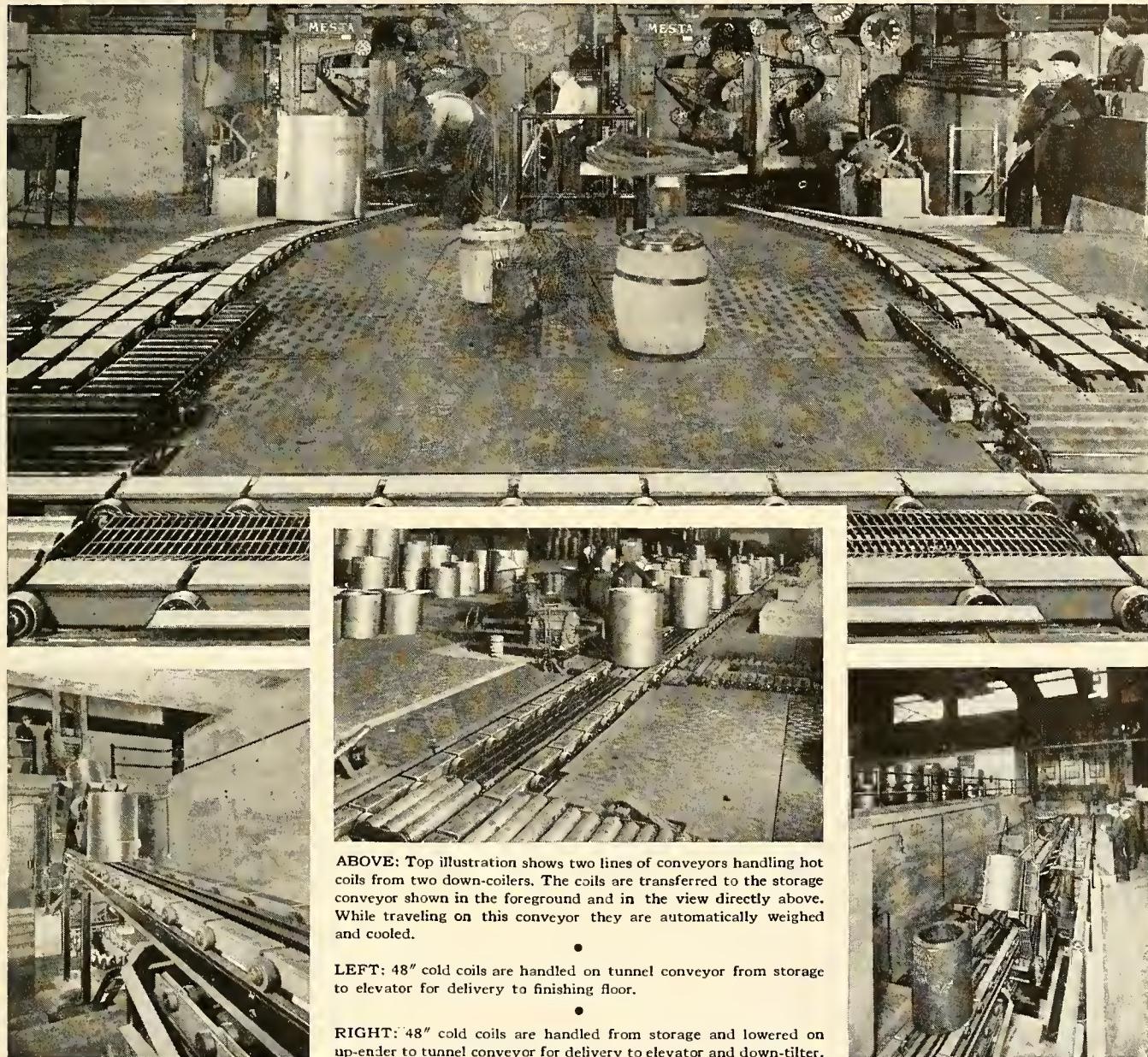
C. E. (Barb) Barba called on us recently. He is doing some work in this section and we are looking forward to seeing a lot of him this Fall.

C. E. McGonigle was in town recently. "Mac" is located in Portland, Ore. and made a "date" with us for June 1941.

The 1940 Alumni Day was a great affair. Fine weather, good turnouts for reunions, gorgeous costumes by reunion classes, and lots of good band music. We saw Dal Wilson, Cad Evans and Charlie Enzian (accompanied by his grandson) on the campus.

Another letter from "Ting Ling" Yen gives us the latest news from China. One of his nephews was recently married and the couple are sailing for the United States where the young man will join their Consulate General

How Coils Are Handled on *LINK-BELT CONVEYORS* AT YOUNGSTOWN'S NEW 54" STRIP MILL



ABOVE: Top illustration shows two lines of conveyors handling hot coils from two down-coilers. The coils are transferred to the storage conveyor shown in the foreground and in the view directly above. While traveling on this conveyor they are automatically weighed and cooled.

LEFT: 48" cold coils are handled on tunnel conveyor from storage to elevator for delivery to finishing floor.

RIGHT: 48" cold coils are handled from storage and lowered on up-enders to tunnel conveyor for delivery to elevator and down-tilter.

- At Youngstown Sheet & Tube Co.'s new Indiana Harbor, Ind., 54" strip mill, Link-Belt conveyors, totalling 778-ft. long, handle coils of hot strip steel weighing from 7,000 to 12,000 lbs. each, from one vertical and two down coilers to storage. Enroute on the conveyors, the coils are automatically weighed and cooled.

Another Link Belt conveyor, 153-ft. long, transfers 48" cold coils from storage to the finishing floor.

- All of these conveyors consist of Link-Belt 12" and 18" pitch, double strand, steel-bar-link anti-friction rolling chain. The driving mediums used are Link-Belt herringbone and worm gear speed reducers. All shafts are equipped with Link-Belt Shafer anti-friction roller bearing pillow blocks. The down-tilters and up-enders are also of Link-Belt design.

Let a Link-Belt steel mill specialist recommend the best equipment for your purpose.

7952-B

LINK-BELT COMPANY

Chicago, Indianapolis, Philadelphia, Atlanta, Dallas, San Francisco, Toronto. Other offices, warehouses, distributors in principal cities.
Edward J. Burnell, '12 Harold S. Pierce, '04 C. W. Lotz, '06 C. A. Woerigag, '10 Thomas Linton, '34 Morris B. Uhrich, '33

LINK-BELT CONVEYORS

and having the chance to go—instead of brooding over your age, and the vicissitudes of the years. Lord knows we all need a peppin' up every five years to make a go of it the next five. Stepper and Dave, Mandy Lee, Buzzer, Percy Pyne, Tommy Lueders, Chris Stouffer, etc., etc., all say the war cry is FORTY FOR THE THIRTY-FIFTH—not a wild idea at that when you remember how Dave got 40 or more '06ers to contribute something to Lehigh last year in the form of Dues, BULLETIN, Gift to Lehigh, etc. Dave is going to try to beat his record last year when he put '06 Class right around the top of all the L. U.'s from '00 to '40 in percentage of class giving. Dear him to it, send your share on before the solicitation reminder from Dave's committee reaches you.

Got a nice letter from Chris on September 9 which ran along as follows:

My apologies for being so neglectful of my correspondence. In explanation, not excuse, I must say that I'm getting incorrigibly lazy. Somebody, who needs the money just a little more than I do, cuts the grass when it needs such attention.

I retired from the Pottstown School Board last Fall and have plenty of evenings with nothing to do but read—and so I read—and have no alibi as to my correspondence.

You're dead right, N. G., about my having a little jack left over from the 30-year '06 class history receipts—not much but enough for a starter on our 35th Reunion next June.

Don Cupitt has a Summer home less than ten miles from mine, yet we can't connect.

Oh yes! There are about a dozen spare copies of the 30-year '06 History; one could be given to the managers of the next TIME CAPSULE. People living 5000 years hence would know a little about our era—and especially our class!

It was suggested that we might investigate the question of how many grandchildren are in the class of 1906: Cal Barwis, Mandy Lee, Yours Truly, Russ Wait?, Stewart Cort, etc.

I'll make a resolution to do some thinking along the lines of the REUNION.

Cordially,

CHRIS

Speaking of Russ (J. "Roughhouse") Wait, your correspondent wrote a personal letter to the Editor-in-Chief of the Alumni BULLETIN

you'll guess Russ holds down a good job in some big Carnegie Library, which he don't. Stacked vertically on the floor, with Russ standing on a chair—his left hand doing the balancing, his right just managing to reach the top of the stack—this picture is the one I'm keeping.

Since 1920 Russ has operated port terminals with distinguished success: for the first four years privately, the next six years, 1924 to 1930, as Director of the Port of Charleston, S. C., followed by the past ten years as Port Director of Houston, Tex.

As a tribute to his making Port Houston attain third place in the nation, the leading men in shipping and allied industries of Houston presented their Director, who is Past President of the Association of Port Directors of the United States, with an 80-volume "brainful" of Texas history, early, "medieval", and present.

There's your chance, Chris—your friend down there has lots of reading matter for you the long evenings of the coming Winter.

CLASS OF 1907

J. B. Carlock, Correspondent
1301 Beechwood Blvd., Pittsburgh, Pa.

W. D. Aiken's present address is 219 Barry Ave., Mamaroneck, N. Y.

J. A. Brodhead, who has been active in Y. M. C. A. work since he graduated, with the exception of two years spent in organizing the Placement Service at Lehigh, has retired from active service and is now located at 15 High St., Andover, Mass. For twelve years he was Director of Education for the Y. M. C. A. at New Haven, Conn., and established the New Haven Y. M. C. A. Junior Colleges which were given permission to utilize facilities of Yale University. He received an M.A. degree from Yale in 1932.

D. Browne is still located in Hollywood, Calif. His mailing address is P. O. Box 181.

Charles Dorrance has moved from Fairmont, W. Va., to Cincinnati, Ohio where he has offices in the Atlas Bank Bldg.

E. F. Johnson is temporarily located at the Shoreham Hotel, 2500 Calvert St., N. W., Washington, D. C. I understand "Coxey" has become an important cog in the National Defense Program.

W. Earl Loomis, who has been in the sales department of Bethlehem Steel Corp., has retired and is living at 7600 Stenton Ave., Philadelphia, Pa.

Henry J. Prechtl is teaching in Elmira, N. Y. His mailing address is R. D. No. 3.

Raymond Walters, President of the University of Cincinnati, had an article in *School & Society* about the Second National Dinner of Phi Beta Kappa, held last spring at the Hotel Astor, New York City, and attended by 1600 guests.

F. J. Wilson can be reached at 1530 Chestnut St., Philadelphia, Pa.

CLASS OF 1908

W. D. Sanderson, Correspondent
Box 175, Pittsford, N. Y.

Here we go for another year. Let's start with a resolution to help out the C. C. with an occasional news item. This annual plea is none the less earnest because it has been made for some thirty-odd years with very little success. Maybe this is the time youse guys will break down.

Ernesto Sanchez was a visitor in New York City during the Summer.

W. C. (Billy) Duncan has moved to Kings Mountain Road, Floodside, Redwood City, Calif.

Lewis Heck is back with the U. S. Coast and Geodetic Survey, Dept. of Commerce, Washington, D. C. His home address is 3421 Northampton St., N. W.

Major Albion N. VanVleck, formerly First Deputy Commissioner of Housing and Buildings of New York City, has been retained as consulting engineer for the Mortgage Conference of New York. Van reports that this work is a part of his private practise as a consulting engineer specializing in building construction.

The Summer trips of the traveling representative of the class were mostly into Canada and "down east" to Maine. So far as class contacts go, that's like "hitting 'em

where they ain't." It is hoped that the Fall vacation will include some of the metropolitan centers of the East, while the Winter vacation is again aimed at the big open spaces of the West. Watch out, maybe I'll be seeing you.



MAJOR ALBION VAN VLECK

"a part of his private practise"

A nice letter with some welcome additions to the class archives comes from Jane. In spite of the hectic life of an army family they report all's well.

The Havana Reunion has been indefinitely postponed but the usual mid-winter gathering will be held in New York and we hope to stage a similar meeting in Baltimore this year. Keep an eagle eye on this column for details.

A feature of the New York meeting will be the formal presentation of the Grandfather's Cup to Clyde Behney. An unfortunate delay in getting the trophy ready prevented its being delivered to the winner last June.

CLASS OF 1910

M. L. Jacobs, Correspondent
837 Tioga Ave., Bethlehem, Pa.

I had a letter from Cap Treat acknowledging receipt of the Reunion picture. Cap had made a list of those whom he knew, and it was surprising the number he recognized after an absence of so many years.

Bob More has sent me a list of the B.A.s who were graduated in 1910. I would appreciate it if someone in each of the other courses would do the same thing, so that we could be up to date on the present status of men in the different courses. Of the 1910 men who were graduated with the B.A. degree, eight are still living, and six of these eight were here for the Reunion; this is an excellent showing, and I hope that at our next Reunion every other course will be proportionately well represented.

George Herbert Bingham

Address: 1511 Delaware St., Dunmore, Pa.
Manufacturer of wholesale lumber, running his own concern.

Has been in his present business ever since 1910.

Is married and has two sons. The older attended Lehigh for 1-1/2 years and is now in business. The younger has just finished the eighth grade.

Lehman Philip Gilmore

Address: 414 E. Second St., Bloomsburg, Pa.
Supervising principal of the Bloomsburg schools.

Almost all of the thirty years have been spent in the teaching profession, viz., one year at Danville, Va.; ten years at the Oregon Normal School, Monmouth, Ore.; two years at Wellsville, N. Y.; twelve years at



PORT DIRECTOR WAIT
"with an 80-volume brainful"

asking whether he would accept a photo-snap of Russ among a few books for a feature of the initial issue of this year's BULLETIN. When I explained that the picture was of striking interest not only to '06 but to all Lehigh men, Bob Herrick told me to rush it to him, which I did.

Take a good look at it in the BULLETIN and



These Austin-Westerns with MM engines clean thousands of miles of city streets daily

From the snow drifts of the North and the Rockies to some of the leading air ports of the world is a far cry, yet MINNEAPOLIS-MOLINE INDUSTRIAL TRACTORS are moving drifted snow off streets, main highways, and hauling giant air liners on great landing fields with the same ease and dependability. Likewise the famous MM tractor engines are called upon to operate fleets of AUSTIN-WESTERN street sweepers in many of the leading cities, including 50 in NEW YORK. Other MM INDUSTRIAL TRACTORS are in daily use, being used to build and maintain roads over the entire country, to move and power hundreds of portable sawmills, and to perform innumerable tasks where speed, dependability and economy are paramount.

Write us for further information

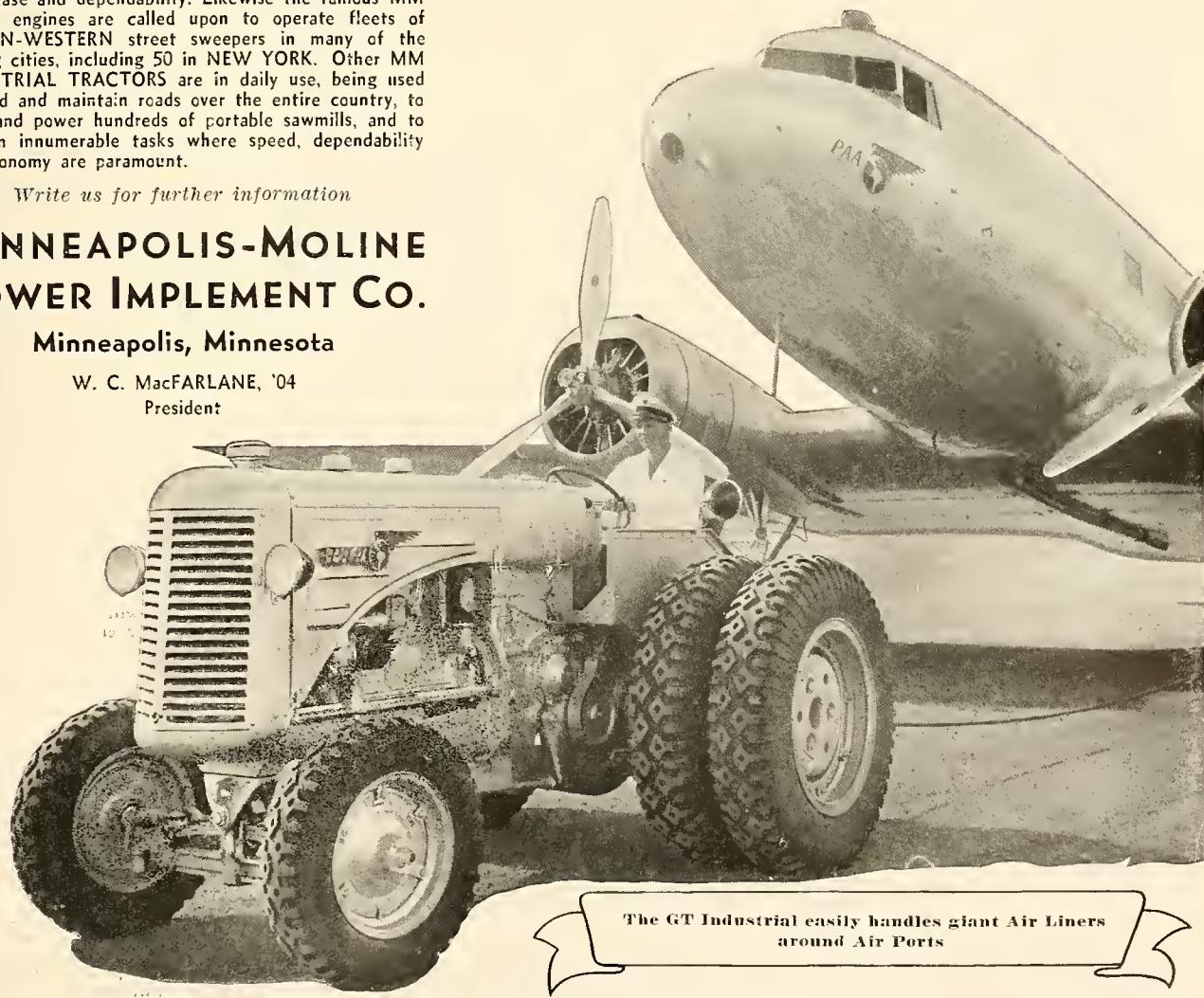
MINNEAPOLIS-MOLINE POWER IMPLEMENT CO.

Minneapolis, Minnesota

W. C. MacFARLANE, '04
President

MM TRACTORS *Servel* INDUSTRY as well as AGRICULTURE

The complete line of MM tractors is as well developed for industry as for the farm. The same economy, reliability and ruggedness which are required for field work are included in these units. Such features as a belt pulley, power take-off, electric starting and lighting, dual rear wheels and power box are available. Since tough industrial jobs can lead to costly delays, operators the world over have accepted the MM industrials as their STANDARD OF QUALITY AND PERFORMANCE. For details ask for complete specifications.



Bloomsburg, Pa. During the four years preceding his stay in Bloomsburg, engaged in the manufacture of woolens. Now six years in his present position.

Married and has two daughters and one son. Both daughters are graduates of the Bloomsburg State Teachers College. One is married. The son is in the class of 1941 at Lehigh.

Harry John Kaufman

Address: 1138 Belmont Avenue, Wyoming, Pa.

Purchasing agent for the Narrow Fabric Co., Reading, Pa.

Teacher of science at the Reading, Pa., High School for eight years following graduation. Twenty-two years with his present company. President of the Southeastern Pennsylvania Lehigh Club.

Married. One daughter (no longer living) and two sons. One granddaughter. The older son graduated in chemical engineering from Lehigh in 1932. The younger is in the class of 1941 in the Arts College at Lehigh.

James Owen Knauss

Address: 2256 Benjamin Ave., Kalamazoo, Mich.

Professor of American History, Western State Teachers College.

Graduate work at Harvard and Cornell, (M.A. Harvard, 1913; Ph.D., Cornell, 1918). From 1910 to 1912, teacher in the Catasauqua, Pa., High School, 1913-1916 and 1918-1921, at Penn State as Instructor, Assistant Professor and Associate Professor, 1921 to 1926, professor at Florida State College for Women. Since 1926 in his present position. Author of numerous books and articles.

Married. Has one son, twelve years old.

CLASS OF 1911

*A. P. Spooner, Correspondent
1811 Sycamore St., Bethlehem, Pa.*

The following appeared in the Bethlehem *Globe-Times* concerning two of our classmen who are successful politicians:

"The golf match between Councilmen George Reussner and Ario "Rip" Wear will settle once and for all whether Reussner can knock a golf ball farther than Wear can throw one."

"... A newcomer to the links sport, Councilman Reussner has been mastering the tricks of the game without fanfare... Councilman Wear, however, insists that despite his operation, his throwing arm will show his colleague's swing a thing or two."

"... As City Hall understands the challenge, they will play eighteen holes, with Reussner knocking 'em and Wear throwing 'em, the winner to be hailed as the City Hall Champion."

The same evening this article appeared, Bob Wood stopped in to see me on the way to the Poconos for fishing, etc. Bob promptly offered a challenge to the winner. Bob also said he "would be willing to take on any of the other 1911 local golfers, having in mind Sam Gladding and Jerry Fisher." Incidentally, Bob said he would "be back next June for the thirtieth re-union."

CLASS OF 1912

*F. S. Lubrecht, Correspondent
310 Hazleton Natl. Bank. Bldg., Hazleton, Pa.*

At this particular time of the year our thoughts are apt to go back to our college days and all the pleasant memories that went with these days and perhaps wish we were also going back, but we have been out long enough for many of us to have sons ready to go to college. One of these is Harry Otto, Sr. Harry is a mining engineer with the Hudson Coal Company in Scranton, and Harry Jr. is enrolled at Lehigh this year in the business administration course, entering from the Scranton Keystone Junior College, of which his father is a trustee.

Horace Porter is a doctor specializing in dermatology in Jackson, Mich. Dr. Porter is also a grandfather. He belongs to the Lehigh Club of Detroit. Dr. Porter spends some time each year at his old home in White Haven, Pa.

Ralph Williams, '12, and his brother Roy, '10 are in the wholesale grocery business at Scranton.

The staff of the Alumni BULLETIN is work-

ing hard to make this a successful year. The class correspondents will do all they can to help make it so, but they need the cooperation of the members for news. Won't you send along anything of interest to Bob Herrick in the Memorial Building and it will be sent on to me.

CLASS OF 1913

*E. F. Weaver, Correspondent
Penn. Power & Light Co., Hazleton, Pa.*

It is with a disappointed heart I take up where I left off last May, primarily because neither of the major parties nominated any '13'er for President of the United States. I had not intended saying anything in this column but a few im-personals but, upon thinking over the swell time we had during Alumni Week and the good fellowship that permeated the crowd, I feel it is my duty to elucidate a little further. No, fellows, I'm not telling who went where and with whom, so relax and be yourself.

Before I go any farther in this column, I am asking each and every one of you to kindly have pity on your Correspondent and send him news items from time to time thruout the coming year, so he will have some material to write this short (600-word) column. Maybe you think I can think up all these things to say in a moment, but, brothers, I'm telling you, sometimes the thinking is hard, and I refuse to get up in the middle of the night just to make notes which come to me in my sleep or in my sleeplessness, just because they are good ones and should be inserted in the BULLETIN. And, in the morning, they have gone the way of many other ideas, vanished in thin air, or something.

Heard from Art Ward the other day and it was interesting, as usual. Among other things, Art tells me he hears W. K. Smith spent part of his vacation in August at a dude ranch near Peekskill, where there were four women to every man and he had a chance to carry around a six-shooter and wear a pair of chaps. Hi-yo, Silversmith. Incidentally, Art has changed his mailing address to: 50 Church St., New York City.

Other changes are as follows:

W. K. Smith also has a change of address, etc., in that he is Editor, *News and Opinions*, 2 Park Ave., New York City.

C. W. Miller is connected with Works Projects Adm. of Md., 1317 Druid Ave., Baltimore Md. as Employment Officer, District 1. Home address is 2706 N. Calvert St.

Stanley R. Keith is located at 622 Valley Road, Upper Montclair, N. J.

Frank W. Brown, Jr., may be found at 1403 Vina Ave., Wauamassa, N. J.

In case I neglected to inform you, O. B. Ackerly, Jr., is an Estimating Engineer for Oliver United Filters Inc. (Industrial Filtrating Equipment), 2900 Glascock St., Oakland, Calif. and resides at 43 Estrella Ave., Piedmont.

Do you know S. D. Williams is with Copperweld Steel Co., at Warren, Ohio.

Also, Walter R. King is President of the W. R. King Co., at 7310 Woodward Ave., Detroit, and lives at 719 Collinwood Ave.

I have no more news at this writing and am sorry I could not make the column more interesting. I have been very busy lately and expect to be for some time, so I would appreciate it very much if those of you who could, would find time to dictate a letter giving me the news of our classmates so that I'd have something interesting to write of in the column. How about it?

CLASS OF 1914

*Walter Schrempp, Correspondent
1105 Delaware Ave., Bethlehem, Pa.*

Hello! Everybody! Here we are back again all set to type the old hokum for the benefit of you birds away out there in the open spaces. After the resignation of our old pal (?) Kavanaugh, ex-correspondent before he published a single issue, we were compelled to resume the editorial burden for another month.

Sam Quast dropped in the other day looking as chipper as ever. Sam's daughter is attending Fem Sem which gives him an excuse to get back to the old stamping grounds every

so often.

The old faithfuls who were fortunate enough to be here last June will not forget the pleasure we had in greeting Steve Burns (his first visit in years) and that wild westerner Tony Bianco. We had a great time reshooting the old bull.

During the Summer we had the experience of consuming a pot of tea and accoutrements with Dick Sproul and his Missis at their delightful wayside inn at Chappaqua, N. Y.

Here are excerpts from a letter recently received from George Wolfe:

"While on a slow train through Louisiana I'll take advantage of the available time to report on some of the 1914 outposts. Early this Spring I was assigned the supervision of the erection of a Dravo all-welded floating crane for the Mare Island Navy Yard so I packed up Mrs. Wolfe and my other shirt and drove to California. While in Oakland we had the pleasure of meeting up with E. C. Seibert, better known out there as Commander, in charge of construction of the Alameda Naval Station. With some twenty millions to spend, Seibert shows off the evidence of a Lehigh man making good in a big way. After Oakland we visited the Northwest and at Portland, Ore., we had a very pleasant meeting with Earl Wilson and Mrs. Wilson. Doc trimmed me at golf. It must be the air. Continuing on to Seattle, Wash., we contacted Tony Bianco who drove me out to his shipyard. Tony (Fred out here) is really a miner of coal and spends his spare time down at Washington telling the operators how to set prices. During the course of time he accumulated a shipyard and seems to be having a lot of fun. On the occasion of my passing through Bethlehem the family and I enjoyed a pleasant half hour in your garden and we were sorry we did not have the pleasure of seeing the owners."

Doc Wilson pens a line confirming George's visit and comments on his (GW's) appearance in a ten-gallon hat.

With more material of this sort we can give Kavy the horse laugh and tell him to go on run his old Navy!

CLASS OF 1915

*A. V. Bodine, Correspondent
317 Mountain Grove St., Bridgeport, Conn.*

I have been diplomatically reminded that copy for the first issue of the Lehigh Alumni BULLETIN is due on September 16 but the reminder contained no news of particular moment, except certain changes of addresses among our class members.

Tom Delaney can be located at the Vulcan Iron and Wire Works in Detroit, Mich.

J. L. Evans can be reached at 1365 Kemmer St., Johnstown, Pa.

R. A. Stott, president of Tristate Electric Supply Co., of Hagerstown, Md., is living at Moody Hotel, Hot Springs, Ark.

D. R. Vanneman, president of Cooling Engineering Co., 366 Third Ave., New York City, lives at 4960 Broadway.

Milton C. White sends his address as 1401 Tulane Ave., New Orleans, La.

Dick Wood still holds forth in Larchmont, N. Y., and Sam Wucher has changed his address to 68 W. 34th St., Bayonne, N. J.

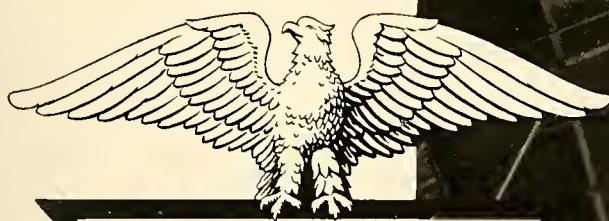
I did not want the class to be without representation this issue of the BULLETIN but we hope the next issue will carry some real news of members of our class, for which information we rely on you fellows.

CLASS OF 1916

*H. D. Keiser, Correspondent
6405 Maple Ave., Chevy Chase, Md.*

A new collegiate year has begun, the year of our 25th Reunion, and this column appropriately starts with a note from Bill Hartman, Chairman of the Reunion Committee, wherein he discusses the Pre-Reunion of last June and his plans for the big event next June. Bill writes:

"Well, the representatives in urbe turned out quite well at the free lunch on Alumni Day. Paul Ganey, Jerry Thorp, Morrie Stoudt, Jim Keady, and yours truly (the home guard) were right on hand. BUT that was not all. We got some sign-ups and promises for next year. Charlie Paules, his wife, and youngster were



AMERICA'S FIRST LINE OF DEFENSE

NOT Europe, not even those outlying naval bases that protect our shores—America's first line of defense is American industry. It is to industry that the nation looks today for the armaments to protect America's high living standards, to defend the American way of life.

In the last two generations American industry has built a great nation. Its workmen, scientists, and engineers have helped produce and put to work more than one-third of the world's electric power and one-half of its mechanical energy. They have given us electric lights in 24 million American homes and electric refrigerators in 13 million—conveniences which represent the highest standard of living and the greatest industrial achievement in the world. And the manpower, the inventive and manufacturing genius, the experience, the daring to tackle difficult tasks—assets which have helped to produce this high standard of living—are among America's strongest resources today.

G-E research and engineering have saved the public from ten to one hundred dollars for every dollar they have earned for General Electric



Not a cannon, but the 130,000-pound shaft for a great electric generator being built in the General Electric shops in Schenectady. When completed, the generator will deliver 75,000 horsepower of electricity.

Industry today undertakes the task of building, not only armaments, but, equally important, the machines that can be used to manufacture these armaments in quantity sufficient for any emergency. And General Electric scientists, engineers, and workmen, who for more than 60 years have been putting electricity to work in America's peacetime pursuits, are today turning to the new job—the job of defending the benefits electricity has helped to create.

GENERAL  ELECTRIC

there, and I have them all signed up for next year, even to hotel reservations. That makes No. 1 for sure, plus one wife, plus one "banner carrier"—boy, if more will sign up soon, we can proceed quickly with our plans for that 25th Reunion next June. Then, too, who else should be there but Os Webb; first time I've seen him in a long time, and there is "signer-upper" No. 2, since Os assured me that he would be on hand. Incidentally, Os hasn't changed a bit and looks as young and dapper as he did 24 years ago. Also at the Bethlehem Club party on Friday night I ran into a young fellow who told me that Bob Weisman either was here or expected to be here. I didn't see him if he was here, but I hope that he did get here to share the glorious Alumni Day and to arouse his enthusiasm so he'll be here next year (take heed Bob, if you are listening). I might say right now that this year there was one of the best Alumni P-rades I ever saw, and I've seen a few, but with a good turnout of 1916 next year I know we can make the P-Rade even better. This year there was plenty of music, and the costumes were quite gaudy. Ganey saw the boys in barrels and decreed that we should not have a similar costume, so that's out. I asked him for suggestions, and he promised to tax his fertile brain, but maybe others have fertile brains, so I am open to any and all suggestions on any phase of our coming 25th Reunion. Incidentally, the new P-rade route and subsequent Class Day Exercises, I feel, is a big improvement over the old custom, and, if continued next year, I know you all will like it. Our "senior" class, 1915, had a nice turnout, but by golly you boys just have got to report next year so that we can score a bigger turnout. They never did beat us as freshmen, and we can't let them beat us now, after 25 years. So, you gang of 16'ers start to make your plans now to be here next June, and lets make our Silver Anniversary an outstanding one in the history of 1916."

Bill's note has copious marginal addenda to the effect that Charlie Paules told him that probably Fred Shay and possibly Herb Leslie would be on hand next June. Also he reminded me that Fred Ryder and Miles Kresge have indicated, as already noted in this column, that they will attend the 25th. So, thanks to Bill's efforts, we seem to be off to a good start with our Silver Anniversary.

Here are two letters, one from Horine and the other from Jim Shields:

Dear Doc:

If for no other reason than to prevent Jim Farley from getting away with something, I'm belatedly answering your letter, received with stamped return envelope enclosed.

To begin with myself, as most people would like to but are too polite to, there ain't much to report. The job and the family sort of prevent seeing many of the brother firemen. Russ Taylor did call me up at the office one afternoon last summer in New York. He was on from Pittsburgh (American Tar Products Co.) on one of those allegedly business trips which seem to require no time off for business. We did a straight eight-hour trick at the Fair, 6 p.m. to 2 a.m. It must have been the last train back we caught. I had the good fortune to make my maiden voyage to California early last fall (also on business, attending a brewers' convention), so saw both Fairs.

Laury Stem and the wife of same were kind enough to have us for dinner a little while ago. We never did get around to the cards. Counting out Mr. and Mrs. S. I don't know which held me most, his dog or a plate-glass fireplace, no doubt obtained at a discount, but still the sign of a good company man. He toils for Pittsburgh Plate Glass but also seems to have to travel a lot, no doubt also on business. Though a Johns-Manville man, I still sleep under cypress shingles. The fire laws allow it and they don't leak.

The clambake is O.K. by me, but I certainly admire Morrie in putting his neck out to be hit by a riot like that. He has no insurance to sell, or does he?

Well, here's hoping you're well and reasonably contented.

Sincerely yours,

F. LAURENT HORINE

Ormond Beach, Florida

Dear Doc:

I didn't mean to let so much time pass before answering your letter of last fall. Busi-

ness, you know, then Christmas, a trip to Florida, then bad business, and now another Florida trip. This last because of an appendix, removed quickly following a midnight dash to a hospital.

I read with great interest the news regarding Miles Kresge and Herb Knox. The note you had about me was substantially correct. I was a textile broker, clearing silk and rayon gray goods. Rather successful financially, and a fairly decent name, when I got a proposition from J. P. Stevens & Co. who are the biggest and oldest in the business. They own mills weaving woolens, cottons, linens and rayons and sell as agents for some other mills. I finally got a good deal, went with them April 1, 1938, as co-manager of their rayon division, and a year and a quarter later was elected a director. I like them so much that if I can keep up the good work I'd like to stay here the rest of my life.

Well, enough boasting, let's see each other soon.

My best,

JIM SHIELDS

During the summer the Washington, D. C. newspapers carried the following item:

"Harry Lee Rust, Jr., president of the H. L. Rust Company, has accepted appointment as vice-chairman of the twenty-fourth annual Red Cross roll call of the District chapter of the American Red Cross. In announcing Mr. Rust's acceptance, the general chairman said:

'The Red Cross Roll Call and the people of Washington are most fortunate to gain the service of the experienced civic leader Mr. Rust. He has shown himself to be in many phases of our public life. Mr. Rust has been prominently identified with the Community Chest since its formation 12 years ago, and with the Washington Board of Trade since 1917. He brings to the Roll Call organization experience gained in directing the highly successful Community Chest campaign of 1935, and in serving the Chest as a trustee since 1928.'

And now for the swan song—I've had a lot of fun writing these notes; so much, in fact, that I wouldn't think of trying to hold on to the job now that my year is up. But, if you will give the next class correspondent the help that you have given me, with your letters, the job won't keep him up many nights.

Sincerely yours,

Doc.

CLASS OF 1917

W. H. Carter, Guest Conductor
735 Huntington Ave., Plainfield, N. J.

Getting information from the members of the class of 1917 is like getting blood from a stone.

I have written about 20 letters to various men in the class, most of them chemists and chemical engineers, about the movement to raise funds for the creation of a fellowship to the memory of Dr. V. S. Babasinian, whose funeral I attended about fifteen months ago.

Just two replies were received: one from George Sawtelle and one from Bob Walter, a batting average of about .100, which is pretty fair for this league, I guess.

Freddy Portz has been elected president of the New York Lehigh Club, I hear. If so, that club is in good hands.

Freddy informed me that Chet Kingsley has resigned as a member of the Board of Governors of the New York Lehigh Club and has moved to Florida. Hope he contacts Bennie Achor down there.

"Mickey" Carmichael has been elected Historian of the New Jersey Department of the American Legion. Good boy!

George Sawtelle is president and general manager of the Kirby Petroleum Co., Houston, Tex. He tells me that he has a son, Flint, who is a senior at Texas University and a daughter, Mitzi, a sophomore in Houston University.

Bob Walter lives in Manheim, Pa. and is connected with the Raybestos-Manhattan Inc. in the brake lining end. Bob has a son, Bob, Jr., who is a senior at F. & M., and another son Phil, a sophomore at Penn State. Bob says both of these boys should be at Lehigh but the old finances wouldn't stretch.

I'm familiar with this latter phase of things too, when it comes to higher education, for my own son is entering his sophomore year at Lehigh. Education does come

high these days. It's a pleasure to have him at Lehigh though, and well worth the cost.

Pop Lytle, Dutch Knoss and I are connected with the Calco Chemical Division of the American Cyanamid Co., at Bound Brook, N. J. Pop is in research and Dutch and I are in production. All three of us live in Plainfield, within two blocks. I can hear some comment about that community going to hell. Drop in and see us.

I understand that Harry Dayton is at 4162 S. Figueroa St., Los Angeles, Calif. What he is doing there is a mystery.

I had the pleasure of seeing Bob Good in Bethlehem last June. He was attending the graduation of his son, Bob, Jr., who is also a swell guy in every respect, just like his old man.

The following changes of address have been received from the alumni office:

Gilmore, W. W., U. S. S. Lexington, c/o Postmaster, San Pedro, Calif.

Henderson, G. D., 6938 Meade St., Pittsburgh, Pa.

Loucks, Walter B., Pres. & Treas., York Storage Ice Co., York, Pa.

Morrison, John A., 9 Franklin Ave., Chestnut Hill, Pa.

Price, Wm. C., Jr., 219 Jefferson Ave., Scranton, Pa.

Schwoyer, John B., 1506-30th St., N. W., Washington, D. C. (John is a patent examiner in the Patent Office—add LL.B. to his name).

Zimmerman, John U., Structural Engr., Bureau of Yards & Docks, Navy Dept., Washington, D. C. Residence: 17 Cedar St., Hyattsville, Md.

Getting this job done has been a pleasure which would have been accentuated had it not been for the cases of writer's cramp developed by you guys. Loosen up.

CLASS OF 1918

A. E. Buchanan, Jr., Correspondent
Remington Arms Co., Bridgeport, Conn.

In opening the new BULLETIN season I am setting a very poor example for the amiable lads who are going to conduct the column during the ensuing months, for I haven't made the least effort to dig up any news. So all

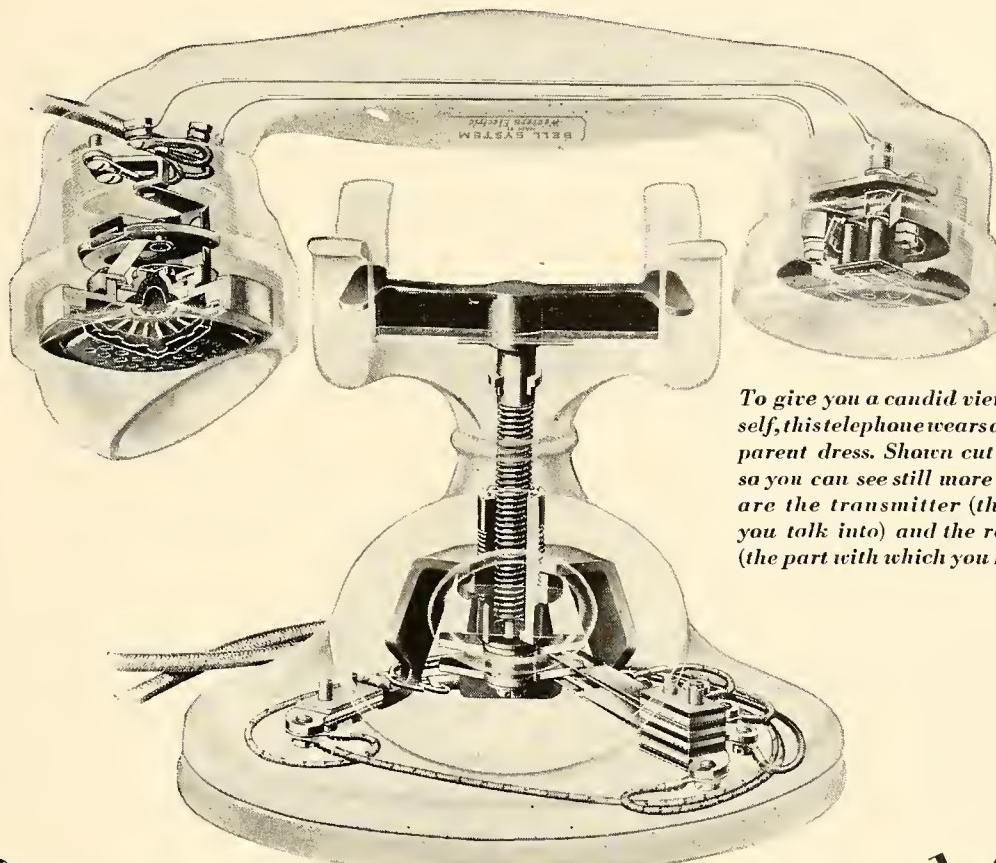


JACK LATIMER

"either our devoted constituent . . ."

you'll get is what has dropped in my lap. My negligence is due mostly to the fact that a lot of people seem to think it extremely urgent that they be supplied with sizable quantities of my company's excellent products, but I may as well confess that it is also partly due to the fact that my last appeal for a \$5.00 '43 reunion installment brought one lone response—Jack Latimer—who must be either our most devoted constituent, or our prize sucker, or both.

Jack was one of the Pittsburgh delegation who spent last week-end on my boat in Long



To give you a candid view of itself, this telephone wears a transparent dress. Shown cut away, so you can see still more detail, are the transmitter (the part you talk into) and the receiver (the part with which you listen).

Now look INSIDE your telephone



"You'd never guess this one. It says our telephone has 248 parts."

"And think how seldom it gets out of order!"

To Americans, telephoning is second nature. They do it 94,000,000 times a day. To them, who thus conquer space and time, telephones are a commonplace — these familiar instruments, gateways to 21,000,000 others in the homes and offices of this land.

Making Bell telephones so well that you take them for granted, is the achievement of Western Electric craftsmen. It's what they have learned in doing that job for 58 years. It's the way they make cable, switchboards, vacuum tubes, all the 43,000 designs of apparatus for the Bell System. The excellence of their workmanship thus plays a part in your daily life.

Western Electric

*... is back of your
Bell Telephone service*

Island Sound. The others were Jim Straub, '20, Joe Throm, '11 and Earl Hollinshead, '22. Hugh Phillips came as far as New York with them and we all went to see Louisiana Purchase (and is this Carol Bruce nice the answer is yes). Hugh had to catch a sleeper to Pittsburgh to buy a couple of new subsidiaries or something. Incidentally, he has a new home at 1 Lakemont Dr., Pittsburgh. The rest of us embarked Friday night and stayed afloat until Monday morning. Jim is president of Fort Pitt Bridge Co., but since he is such a youngster, we made him cabin boy for the week-end.

Jack tells me that Bill Staats is some kind of a big shot for the State of Pennsylvania, in charge of road construction or something. Anyway, he wouldn't give Jack a permit to drive over the unopened new highway between Pittsburgh and Harrisburg.

Jack Beard has a new job, selling space for TIME magazine. Last I heard of him he was peddling bakelite tanks or something. Anyway, he's located at 230 N. Michigan Ave., Chicago, and if you ask me he could be selling a lot worse things than space in TIME.

You'll all get a jolt as I did to learn that Bob Campbell lost his wife as a result of a sudden heart attack on August 30. I know all of us feel deeply for you Bob, and extend heartfelt sympathy. The tragedy was accentuated by the fact that it occurred only six days after the marriage of their daughter, Betty, to J. W. Cunningham, in Beverly Hills.

Bill Hogg has moved from Llaerch, which I always have trouble spelling, to Foxcroft, Delaware County. He's still with Uncle duPont in the Philadelphia paint plant.

J. D. MacCarthy is manager of the Lehigh Metals Co., Mogollon, N. M. That doesn't mean a damn thing to me either, except I'll bet a box of .22's that Mac started the outfit; at least, it has a swell name.

Bob Perry is assistant sales manager of Titanium Pigment Division ('ats white paint, you E.E.'s and M.E.'s) of the National Lead Co., 111 Broadway, New York City.

The guys who will write the rest of these columns this year, and make this one look as "sorry" as possible are:

December	Latimer
January	Tizard
February	Hogg
March	Spear
April	Mooers
May	Mizel
June	Phillips

CLASS OF 1919

*J. L. Rosenmiller, Correspondent
York Ice Machinery Corp., York, Pa.*

For the first time in years, I took a vacation period of two consecutive weeks—and boy, did it rain! I sat around home day after day waiting for it to clear, and finally it did—the day I came back to the office. I hope you all fared better.

Those of you who attended the 20th reunion will recall that it was unanimously voted that each member would send in \$2.00 a year, which would apply toward expenses of the 25th reunion in 1943. On May 10 Buckie Macdovald sent a letter to all members of the class regarding this, and urging them to send in the 1940 installment. So far 13 of the 34 members who paid the first installment (1939) at the 20th reunion have come through with the second. How about bringing yourself up to date?

We shall continue with our Rotating Secretary Plan this year, and the following members are being asked to serve for the months indicated. We suggest that each one devote some space to telling us what he has done since leaving Lehigh. News concerning class members will be furnished by the staff of the BULLETIN for inclusion in the column.

Issue	Correspondent
December	F. J. G. Duck
January	E. M. Berger
February	Grier Lloyd
March	K. M. Bevier
April	H. R. Walters

May	E. F. Whitney
June	B. P. Lauder
July	G. R. Macdonald

A fact well known to class members residing in Connecticut, but probably not to so many outside the state, is that Robert A. Hurley is the Democratic nominee for Governor. He lives in Bridgeport and was WPA administrator.

L. A. Baumann can now be reached at 119 E. Bradley Lane, Chevy Chase, Md.

C. T. Hunt has moved from Wilmington, Del., to 251 Hathaway Lane, Wynnewood, Pa.

Mine Superintendent of the Koppers Coal Company, Powellton, W. Va., is Roy S. Long. Residence: Kimberly, W. Va.

Frank J. G. Duck is now living at 428 Cambridge Road, Ridgewood, N. J.

Fred B. Hazeltine, Investigator, General Accounting Office, U. S. Government, Washington, D. C., can be reached in care of P. O. Box No. 737, Trenton, N. J.

William Whigham, Jr. is Supr. of Organization Methods, Carnegie-Illinois Steel Corp., Pittsburgh, Pa., and resides at 1534 Denniston Ave.

R. G. Lloyd is living at 1525 N. Second St., Harrisburg, Pa.

Be sure to notify the Alumni Office at Bethlehem of any change in your business connection and address.

We'll be looking forward to Frank Duck's contribution, which is scheduled for the December issue.

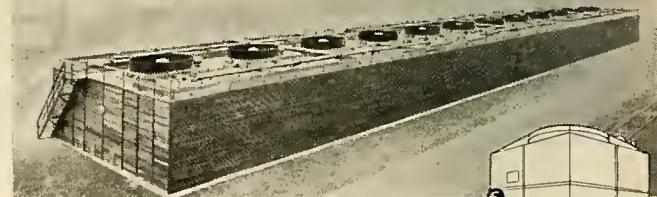
CLASS OF 1920

*N. A. Newell, Correspondent
240 Glen Ave., Millburn, N. J.*

J. Cullen Ganey was sworn in on July 10 as a Judge of the U. S. District Court for Eastern Pennsylvania. Ganey had been U. S. Attorney in the same district for two years and Assistant U. S. Attorney for four years before that. He graduated from Harvard Law School in 1923 and practiced in Bethlehem prior to his Federal appointments.

**Diesels,
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Steam Power Plants,
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F. G. Macarow is now general personnel manager for the Chesapeake & Potomac Telephone Co. in Washington, D. C. His residence address is 4000 Cathedral Ave., N. W.

In June, John G. Bergdoll was made chief engineer of the York Ice Machinery Corp. Bergdoll was first employed by York as a machinist's apprentice in 1914 in connection with the corporation's high school cooperative course and since then has occupied the positions of draftsman, equipment development engineer, product engineer and assistant chief engineer. He lives at 625 Linden Ave., York, Pa.

Captain A. J. Wick apparently keeps on the move from one Army post to another. His mail address is c/o Adjutant General, U. S. Army, Washington, D. C.

W. R. Allgaier is now living at 208 Stock St., Hanover, Pa.

Claude H. Moyer is chief accountant, Arizona State Dept. of Social Security & Welfare, Phoenix, Ariz. He lives on an R. F. D. route outside Peoria, Ariz.

E. Burwell Ilyus is president of Burwell Development Co. at 17 Academy St., Newark N. J. His residence address is R. F. D. No. 4, Roanoke, Va.

J. A. Siegfried is distribution engineer for the Pennsylvania Power & Light Co., at Allentown, Pa. He lives at 1024 Catasauqua Road, Fullerton, Pa.

M. W. Summers is the chief engineer of the Stonega Coke & Coal Co. His residence is 815 W. Second St., Big Stone Gap, Va.

Ben R. Nevins has moved again. He now lives at 703 S. Bowman Ave., Merion, Pa.

CLASS OF 1921

William M. Hall, Jr., Correspondent
The Hall Grindstone Co., Constitution, Ohio

Our TWENTIETH Year Out begins. Next June it will end with our grand and glorious TWENTIETH REUNION. At this early date

we can safely say that 50 '21 men will attend—but 100 is the number I have been "shooting for" since I took over Brick Wilson's job four years ago. In those four years news of '21 has been in each and every regular issue of the BULLETIN, and almost without exception the maximum space allotted has been utilized. Now—in this our TWENTIETH year I ask—and urge—each '21 man to subscribe for his BULLETIN early, (\$3.00 for 1 year or \$5.00 for 2 years) "brush up" on Lehigh and '21 and come back next June. We want to see you again! ! ! —More about the Reunion as the months roll along.

The summer months have brought a dandy newsy letter from R. C. Hicks, Philadelphia Electric Co., 1000 Chestnut St., Philadelphia, Pa. I'm passing it on to you:

Dear Mae:

Our construction program isn't very active at the moment, so the pressure under which we're working is hardly more than atmospheric. Therefore I'm going to shock you by batting out a letter.

Twice last Winter I was on the campus—wrestling meets. The boy and I with Walt Krause and his oldest boy went up to the V. M. I. meet early in the season. Then later the boy and I with Pop Henrich went up to the Princeton meet.

Pop hasn't changed a great deal. He has moved from Philadelphia back to Bristol—same concern. He is with Rohm & Haas, and lives within sight of the plant.

Alumni Day was quite successful—good weather, good crowd and a very good parade. We had an unusually large off-year representation—Gene Burgess, Bob Good, and Tom Leighton all the way from Chile. '20 had a good gang and good looking outfits—Mexican hats, red jackets and a red sash. Saw Maearon and Billy Hunton from the original Section E gang.

A couple of months ago I was up through western New York—Rochester, Corning Glass, Buffalo, etc. Being my first visit to Buffalo for some years I stopped and hunted up Nest-

owiez. He had moved about a square but I finally located him—except that he wasn't there; was down at his Summer place on the lake about 25 miles away and I spent the evening with Nesty and family there. Nesty has a boy about a year younger than mine—but no business for Lehigh. The kid's going to go to Cornell and take agriculture (like one of Pop Henrich's boys). Two Ch.E.'s turning out two farmers! ! !

A week ago I had to go down to South Jersey, and passing Cape May Court House looked up Harry Steel. He wasn't home either but was finally located at Stone Harbor about five miles away. Went over and found him looking and sounding just about the same. Says positively he'll be up next June.

Oh yes, late in June I talked by phone to Sam Cottrell. He was home in Washington—all O. K.—family still consists of wife and one daughter.

That's all—for the present.

HICKY.

CLASS OF 1922

John K. Killmer, Correspondent
709 Highland Ave., Bethlehem, Pa.

Back in March I opened the class letter with the sentence: "This firing line is about as quiet as the Western Front." I really meant it and the Western Front was quiet. Now there is no Western Front, things are blazing in Europe and we are operating at ridiculous percentages in the steel business. All of which means that it's going to be tough to get out a class letter every month. On the other hand, when you're busy you do more—so that should mean that more of you men will pitch in and write one of these monthly yarns.

George Stutz of New Jersey Zinc Co. (plug) will contribute his version of what the Chemical Engineers are doing—or, should I say, "who they are doing"). Hope to have George's page appearing in the December issue.

The last recapitulation shows that we have

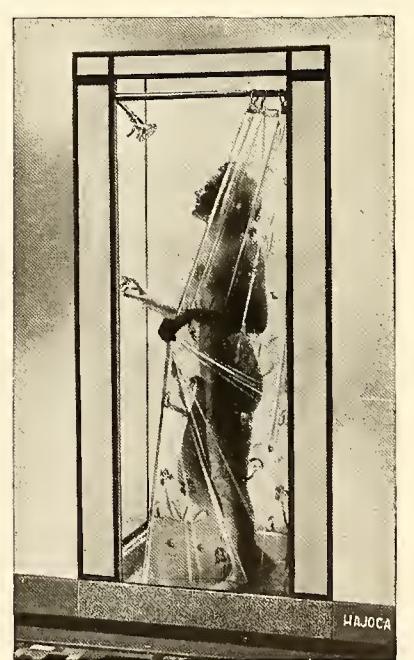
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boosted our activity to 32%. That's a nice increase, but, in my opinion, is "lousy" for a class like ours. We need double that percentage and we can reach it this school year.

The BULLETIN percentage is holding its own; Gerlach, Herman, Huffman, Hughes, Marsh and Lorch have resubscribed.

We've all been working on Student Grants with some degree of success. The latest donors to this cause were Brewer, E. Cahn, Deturk, Ewing, Gangewere, Hocker, Killmer, Larkin and Vogt. With increased support, results should be seen in a year or two.

I think I told you before that Ed Wilson's pay check was raised. Ed's now manager of sales of the Pittsburgh branch of Jeffery Mfg. Co., with offices at 2126 Oliver Building. (Art Herman—run down and see Ed tomorrow). They have named a street for Ed in honor of his coming to town. Address: 11 Wilson Drive, Ben Avon Heights, Pittsburgh, Pa.

"Monty" Jefferson left the land of snow and ice for the hot climes of St. Louis. He's an engine builder's representative with the Socony-Vacuum Oil Co., at St. Louis, Mo. Monty is living at 832 N. Biltmore Dr., Clayton, Mo.

Fielder Israel who is with the National Carbon Co. in Cleveland, lives at 20025 Frazier Dr., Rocky River, Ohio.

You notice that these three high binders live on "drives"—not streets or avenues. They're in the money. Definitely. Next March they'll wish they lived in an alley.

Now Dick Zantzinger is a real estate man living on a street—945-15th St., N. W., Washington, D. C. Of course Washington's different—so he rates the upper third too.

Has anyone heard from Al Hewett? If so, write to George Stutz, who would like to renew an old friendship.

CLASS OF 1926

John A. Bissinger, Jr., Correspondent
 c/o M. L. Bayard & Co., 20th & Indiana Ave.
 Philadelphia, Pa.

A new class year begins and culminates in the class reunion in the Spring of 1941. The years seem short, please reserve a place on your calendar for this our 15th reunion. We will advise on the date in later columns. We hope that the years have mellowed some of us so this class reunion leaves a better

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C. S. KENNEY, '10

C. G. SCHANTZ, '20

W. S. KISTLER, '33



JIMMY LE VAN
"Fortunately, the column is posted"

taste in our mouths than the last one did. We suggest that several things be done before class reunion time rolls around, and these we are forwarding to Nels Bond, our class president. We feel that some bitterness will be eliminated by these suggestions. They're not radical; they all deal with the idea of planning certain details before hand.

After September 15, your class correspondent will be associated with M. L. Bayard & Co., 20th & Indiana Ave., North Philadelphia, Pa. Arnold Bayard of our class is vice-president of the company. They are manufacturing engineers and will design and make anything you wish. The Bissinger menage wishes to announce the birth of a baby boy named George

Arthur on August 27, weight 7 lb. 12 oz. He has the build of a football player so we may have a tackle or guard for the 1960 team. The mother and baby are doing fine.

We find William Watson (Bill) Cottman of the Mechanicals turning up at 5015 James-tow Road, Friendship Station, D. C. Bill is associated with J. Edward Linck Sheet Metal Works, 2951 N. Marshall St., Philadelphia. I haven't seen Bill for quite a number of years but hope to renew acquaintance at the reunion.

Robert Harris (Bob) Dyson, Sigma Chi, turns up among the Canadians. He is now located at 212 St. George St., Toronto, Ont., Canada. Bob, how about dropping a line and telling us of yourself.

Jimmy LeVan, last heard from at the U. S. Quarantine Station at Brownsville, Tex., took the motorized Aedes Aegypti (Yellow Fever mosquito) Control Unit to Miami Beach, Fla., where he turned it over to the commanding officer. He has been transferred to the National Institute of Health, Bethesda, Md., in the Division of Industrial Hygiene. I hope that Jimmy soon settles, as he is harder to keep track of than a bird. Fortunately, he keeps this column posted and it is darn interesting reading his letters.

Nelson Leighton (Nels) Bond, Sigma Phi, turned up with a new address but it is still in the same town. He now lives at 39 Colbert Road, West Newton, Mass. Nels is another from whom we should hear. He is president of the class and we are all interested in what he is doing.

Charles Emery Brooks, Kappa Alpha and a Mechanical, has moved from Niagara Falls to 116½ Shepherd Ave., South Charleston, W. Va. I believe he is still with the Carbide & Carbon Chemical Corp.

Does anyone know of the whereabouts of William Loring McMorris, Delta Upsilon and Miner. He was last located in Portsmouth, Va., but has moved to parts unknown and we have no forwarding address.

Frederick Calvin Smith of the Arts course

is now living at 26 N. 22nd St., East Orange, N. J. Another man that we believe should drop us a line.

Again we wish to remind you that next Spring is our 15th reunion. Talk it over with the wife and start preparations for the trek to Bethlehem.

CLASS OF 1927

*H. O. Nutting, Jr., Correspondent
20 S. Third St., Lebanon, Pa.*

" . . . It's a long time since I have had news of Lehigh, so I am going to ask you to do me the favor of putting me in touch with whoever is in charge of the class of '27 and ask him to drop me a line. My address now is Calle de la Iglesia N/7, Sabana Grande, Caracas, Venezuela. It is my fault I have lost contact with Lehigh for so long, but I have been so busy I neglected to answer the calls of my class."—

(Signed) FERNANDO AZPURUA

How many more are just like "Aspy"?—but aren't doing anything about it. I didn't plan to get started with this year's first issue along this vein, so do something about it now if only to keep your correspondent quiet.

As I write this an agreement has been reached in Washington concerning the age limits for conscription. I wonder how many of our class it will affect; perhaps the old text of Moss & Lang will have done some good as pounded into us in the amphitheatre of Christmas Hall. While on a two weeks' tour of duty this Summer I shared a tent with Bob Canning and also saw a lot of Dick DeGray.

Here's one for you mathematicians: take the birth year of Mussolini, Stalin, Hitler, and Roosevelt—1883, 1879, 1889, and 1882. To each add the year he came into power—1922, 1924, 1933 and 1933. Then add the number of years each has been in power—18, 16, 7, and 7. Add the age of each man—57, 61, 51, and 58. Divide each total by two and you arrive at the mystic number 1940. Significant? Maybe! Now write down your birth year, add to

it the year you graduated from Lehigh; add to that the number of years you've been out of Lehigh; also add your own age, divide the total by two and it makes you a man of destiny too! How's that, Flivver?

The following limited information has come to my attention over the Summer via the alumni office:

Johnnie Beans is manager of the Youngstown district for Mail Pouch Tobacco Co.

Art Fraser is vice-president of Trenton Banking Co.

Charlie Hanna moved to Crawford, N.J.

Dud Hoover moved to 156 Fordham Dr., Buffalo.

George Kennedy is senior engineer in geodetic survey work, at present on the U.S.S. Bushnell.

Ed Kost is again in Bethlehem.

Jim Malloy is Special Attorney, U. S. Dept. of Justice in Wilmington.

N. K. Sheinfeld is in New Haven, Conn.

CLASS OF 1929

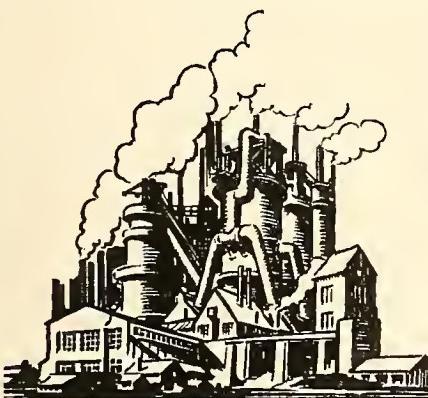
*John M. Blackmar, Correspondent
Tall Oaks Drive, Murray Hill, N. J.*

As your correspondent commences his twelfth consecutive year in this job of writing up all the news that's fit to print, he quite naturally re-reads the BULLETINS of last Spring to pick up the transition. Alas, he finds no '29 column in the June issue, but discovers in his file the rejected copy that was returned by ye editor for being received after the deadline. He vows to try to do better this year and then realizes that the darn deadline is already at hand; hence this copy must be despatched P.D.Q.

Taking the quickest short-cut under these circumstances, your harried reporter selects the paragraphs from the ill-fated copy that do not seem too dated at this writing.

ANDREW BOTHWELL HORGAN III

Born just too late to be counted in the 1940 U. S. Census, young Andy B. Horgan 3rd nevertheless will not be overlooked by his



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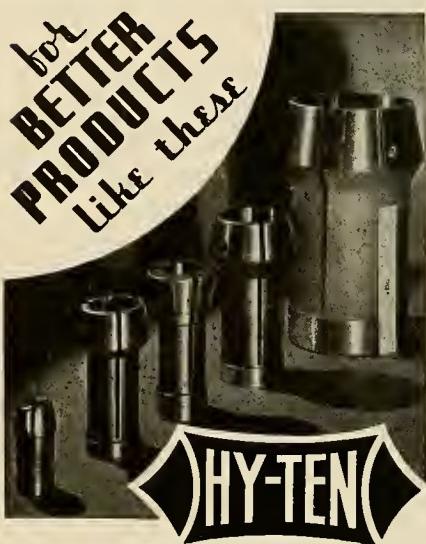
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dad's fellow-classmates. It was on April 5 at Orange Memorial Hospital that this little Lehigh lad arrived weighing 7½ pounds. His mother is Marion Leith Horgan and Drew is her second son, Paul now being a 3½-year old. Recently the Horgans moved from the Oranges to a house at 21 Irving Avenue, Livingston, N.J. Peter Horgan is now a transmission engineer in the engineering department of the New Jersey Bell.

Another thoughtful father proved to be Gene Pelizzoni. Back in May I was the recipient of an announcement from Mr. and Mrs. E. A. Pelizzoni stating that they were proud to have an addition to their family. Anne Kathryn arrived on May 8 in Allentown. It may interest Gene to learn that he is still remembered down in Jersey by one Marjorie Webbe. It so happens that after we moved into our new home in Tall Oaks, we met a young couple by the name of Bain, who are building a house nearby. Mrs. Bain is the aforementioned young lady, sister of Captain Charlie Webbe, formerly of Summit, who co-starred with Gene on Pete Morrissey's aquatic teams more than a decade ago. It may also interest Gene to know that the Bains (he is from Southern Methodist) have two lively boys.

HAWAII CALLS

In far-off Hawaii, the American "state" most of us would like to visit, resides one of our number. Quite recently your correspondent had the great good fortune of accidentally picking up some very interesting information about Honolulu transit director, Thornton Chamberlin. Our old Oogie himself piloted the special trolley car that took the members of the Representatives' Club on their annual outing to Waikiki last year. This Honolulu group consists of young business men under 35, I understand, and Thorn, as he is known on the Islands, served as their president one year. Neither Jack Kirkpatrick, the incomparable letter-writer, nor I have had a letter from Oogie in at least five years, which only goes to prove again that it's a small world and news certainly gets around!! Thanks, Duke.

The society event of the Oranges this year was the Edison Premiere Ball which was held on May 15. The world premiere of the inspiring M.G.M. film, "Edison, The Man," starring Spencer Tracy and Rita Johnson, among others, and memorializing the great inventor whose discoveries made possible the motion picture industry, was held simultaneously in four theatres in the Oranges on May 16, and of course Hollywood was well represented, as was Washington in the person of Secretary of the Navy Charles Edison. Several Lehigh men were on the floor committee, namely Stan Wilson, chairman, and Carl Hull, '32, Dick Osgood, '30, and by some quirk of fate, the writer, '29.

'29 AGAIN LEADS '30

Last Spring I also included this prophetic paragraph, which never found its way into print, in my class column:

"As the July issue is restricted to reunion classes, I would suggest you look for the '30 column in the next magazine and find out whether those Frosh were able to muster more than 100 men for their Tenth Reunion. At this writing I doubt that they can beat the record set by '29 last year at that Monster Tenth."

Now in retrospect let me state in all fairness to Conneen's class that the '30 men really had a swell reunion. There is no doubt they had a barrel of fun and were the Hit of the Parade which impressed me as being more colourful and snappier than usual, and their banquet was a success, I am told, because our Tom Brennan was one of the principal speakers. But by their own admission they numbered only 84, which as predicted above falls far short of our Tremendous Tenth, the record Ten-Year Reunion in L History.

CLASS OF 1930

F. J. Whitney, Jr., Correspondent
322 N. Maittack St., West Chester, Pa.

Beginning our eleventh year of scribbling who's who and where in the class of 1930 makes one wonder a little about the gray hair that is beginning to appear. Although at our tenth most of the fellows that returned seemed to be just about the same. Of course those barrels did not add to beauty but showed many

that after ten years some of us still can get into one. We must admit Paul Brosz and Ed Blackmar had to squeeze and hold in their breadth.

Jack Conneen worked hard to make our tenth a success and the orchids should go to him. I do believe our tenth was bigger than our fifth, except in numbers, but just wait until 1945. You single men who will be in the Army then must save up your leave for that time.

Seriously writing though, more of the fellows should send in some news either about themselves or about someone else in the class. This column would be a lot more interesting to read and I am sure a damn sight easier to write if the news came from other sources rather than the alumni office white slip.

News of the class that has trickled into the alumni office this Summer is as follows:

Don Bower has evidently left the service of Uncle Sam, for he is now an industrial for the Wright Aeronautical Corp. at Paterson, N.J. Mail will reach him at 34 Union St., Box 340, Montclair.

M. A. Briggs is office manager and purchasing agent for Hubert S. Johnson (Boat Mfr.) at Bayhead, N.J. Briggs stated on Alumni Day that he was kept quite busy at a busy place. His address is 505 Philadelphia Blvd., Sea Girt, N.J.

Theron E. Bower is metallurgist for the American Steel & Wire Co., Donora, Pa. Mailing address—1400 Fourth St. Extension, Monongahela, Pa.

Dallas O. Burger is with the U.S. Government at Chicago, Ill., as engineer and inspector. Mail—412 W. Fourth St., Hinsdale, Ill.

Dick Chapman is an engineer for the New York Telephone Co. and living at 35 Orchid St., Floral Park, N.Y.

Russell Davis has been traveling all over the country for the F.B.I. He is now located at Philadelphia and his home address is 302 Cornell Ave., Swarthmore, Pa.

J. L. Myer is working for the Bethlehem Steel Co. at Bethlehem, commuting there from Route 1, Coopersburg, Pa.

H. A. Seward is sales manager for the R. A. Stewart & Co. Inc., New York City. He is living at 30 W. Lincoln St., Verona, N.J. Mickey's boy was at the tenth-year reunion parade. He is almost ready to drink out of that baby cup too.

Don Stabler is in the road construction business out in Harrisburg, Pa. He is living at 3025 Derry St.

Herman Sulken is an attorney with offices in Radio City, New York City. Another Dodgers fan, living at 2108 Avenue J, Brooklyn, N.Y.

Norton C. Wilde is a construction engineer with the Vermilya Brown Co., of New York City. He is still living at 3312 Giles Place.

Changes of address—R. I. Blair, 6 Kathryn Court, Plattsburgh, N.Y.; S. C. Diehl, 557 Franklin Ave., Palmerton, Pa.

CLASS OF 1933

Robert L. Davis, Correspondent
1001 Maxine Dr., Fort Wayne, Ind.

The last time this column was published for your perusal, your correspondent promised you a letter from Frank Delano who, as you will recall, was frequently found gracing the sofas of the Chi Phi house on the Lehigh campus. Evidently, since graduation Frank has not been reclining on any sofas as you will note from his letter which I am quoting below. It is the most interesting letter I have received since I have been writing this column.

"Dear Bob:

In a way I was disappointed to receive your letter last week—I happen to have been in Fort Wayne a couple of weeks ago and had I known that you were one of the inhabitants I most certainly would have called on you. With this exception I was delighted to hear from you.

"I was not aware that you had threatened to get a letter from me for publication in the class notes. As you requested that I dispatch an autobiographical sketch at once, it is neither inviting nor fair to the readers of the ALUMNI BULLETIN. But anyway, for an old friend's sake—here goes.

"A week after the hot June day in 1933 when we all left the Maennerchor, I was busy tramping up and down Front Street looking for a job on a freighter. I finally heard of an ordinary seaman's job on a tramp leaving Baltimore the next day. I left with it and the rest of the story is too reminiscent of bad food, a Finnish bosun, and hard work, to elaborate. The latter part of September found me registering in a Jersey law school, and that December I landed in the Mail Room of Young and Rubicam.

"Advertising is not all hearts and flowers, but I got my share; and about two years ago I found myself in our Hollywood office in a job that Variety described as "radio exec." Ours was about the largest radio office in Hollywood, and there were plenty of stars floating around. It was a lot of fun, and I had had just about enough when we decided to open an office in San Francisco. I went up there and found out that it's true what they say about California. The office was closed last January, and I moved East to New York.

"Other incidents included a trip to Europe in 1938, which included among other things a front row seat in Vienna during the invasion. I saw the world's most successful house painter walk in with plenty of tanks and help. A few weeks before I had seen him in Genoa where he and Il Duce were playing Navies in the Mediterranean. I visited seven or eight countries, including Russia before landing in London where I had the least fun. A business friend of mine had arranged to have me meet one of the members of Parliament who took a great interest in my observations. In fact, he took me to lunch in the House where I met the Umbrella man. He seemed like a nice enough guy, but recent events indicate that he should have changed his restaurant.

"One other thing—I got married last August in Los Angeles.

"This account is pretty self-centered, but unfortunately about the only members of the class of 1933 that I have seen since graduation are Messrs. Rorty, Kremer, and Kugler. I met a lot of swell Lehigh boys out on the coast, but they were all from other classes.

"I hope this meets with your ultimatum; and if not, don't be silly and ask for any more."

Your correspondent has had the pleasure of running across one member of our class who is now residing in the small but important town of Dunkirk, Ind. Frank Snavely tells me that Dunkirk was evacuated long before the Dunkirk of Flanders fame. I think he is correct. I have seen Frank on two occasions and have met his charming wife. In the next issue of the BULLETIN I hope to have for your edification and enjoyment a short biographical sketch of Frank's goings and comings since graduation.

CLASS OF 1934

R. F. Herrick, Correspondent
Lehigh Alumni Office, Bethlehem, Pa.

Summers, or the results of them, are bad stuff. So much material piles up that you're almost bound to short-suit somebody in the news and feel like the devil about it later, but here goes for all this one-track mind can dish out in one issue.

Lunch with Prexy Ben the other day found him recovering from a whooping boat trip (nope, not whooping) where nothing stayed horizontal except the brothers Bishop . . . But he looked well by that time and from accounts of his average day I think the Bethlehem Steel business index must be up.

Proudest of recent proud fathers is Rollie English who writes, "For the records, my wife (Marjorie Morgan) presented me with a fine boy—a future Lehigh man—on July 19. We're all doing fine and now I've a real reason to put pressure on for Johns-Manville" . . . Congratulations have been extended and also a request for the name of the baby but at this writing Rollie hasn't responded . . . Nor in the father classification should we forget Ed Howells who became a father on May 28 when Anne Meredith was born. Here again, mother and baby are doing nicely and Ed is haunting employment agencies to find the housekeeper who will stay longer than one or two days . . . Ed also reports on "Gary" Lengel as doing well in Johnstown.

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Hurry, Men, don't miss this famous "GET ACQUAINTED with BRIGGS" BARGAIN!

It's the same choice, "Park Lane" briar pipe...as last year's fast sell-out. And, remember, the quantity is limited. So, again, it's first come, first served. There is only one reason why Briggs can afford to repeat this great bargain "buy". We know that most men who really get to know Briggs Pipe Mixture like it . . . for life.

Genuine "Park Lane" briar, perfect finish and balance. Heat-tested bowl exclusively processed and permeated with fine oils. Mouthpiece matches grain of wood. Removable triple filter assures continued sweetness. Supply limited. Act today!

GENUINE 
"PARK LANE"
BRIAR
WITH TWO 15¢ TINS OF
BRIGGS
PIPE MIXTURE

ALL YOURS
FOR \$1.00



At your tobacconist . . .
or mail this coupon!

ACT NOW, MEN

Go to your tobacconist today. If he can't supply you, get this coupon in the mail right away. We guarantee quality of both pipe and tobacco . . . but quantity is limited. Tear out now as reminder . . . before you forget!

P. Lorillard Company
119 West 40th Street, New York City

(GG-40)
Enclosed is \$1.00 (check or money order for safety). Send me the special de luxe box containing 2 tins of Briggs and the genuine "Park Lane" briar pipe as advertised. This offer good in United States only!

Name _____

Address _____

Can't pass up the baby list either without paying homage to Susie McConnell, who, Mac says unblushingly in his last letter, is "best in the world!"

Carl Zapffe comes smack bang into the news this month with announcement from Battelle Memorial Institute that he and co-author Charles L. Faust were recipients of the 1940 Proctor Memorial Award of the American Electroplaters' Society for their paper "Metallurgical Aspects of Hydrogen in Electroplating". Wonder how Diar Clark is getting along with his airline . . . Johnny Fugard, by the way, is out in Evanston, Ill., living at 806 Clinton Pl . . . and Jimmy Jobbins is with R. G. & Wm. Cory (Architects and Engineers) in New York. He wants his mail sent to 213 Seaman St., New Brunswick, N. J. Vic Mayer, who was doing his internship here at St. Luke's is now a resident physician at the Warren General Hospital in Warren, Pa.

Was surprised the other night to hear Bill Korn's voice over the phone and had a swell talk with him in which it developed that the greeting card business (which is Bill's line) is really something—which only confirmed the tip I had gotten previously from another source—and Bill sounded anything but unhappy about business.

Any of you Chi Phi's who would like to know the whereabouts of Ed Tether can find the Doctor working as a physician and fellowship instructor at the City Hospital in Indianapolis, Ind. He's living at 1938 N. Carrollton Ave. Stu Hoyt sends a note from his new home on Pleasant Valley Rd., Titusville, N. J. Stu is now an executive at the Blakely Laundry in Trenton.

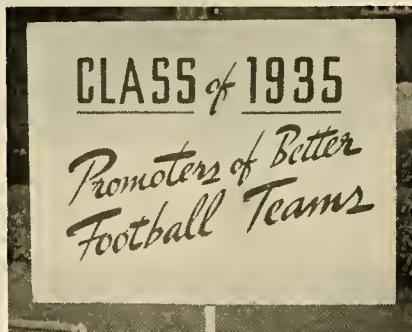
Just to straighten out our name problem—Bailey (A. Tanner) is an industrial engineer for the Remington Arms Co. in Bridgeport and Baillie (John W.) is here at Lehigh as research fellow for the Corn Products Refining Co.

There's loads of stuff but it will have to wait until the next issue unless someone will write in and ask for the most recent dope on anyone in particular—and we might just happen to have it.

Alumni loyalty note—the first check-up on the fall billing of the Alumni Association shows '40 as the most responsive. But like Abou Ben Adhem, '34 leads all the rest.

CLASS OF 1935

C. F. Bayer, Correspondent
621 Wheeler Ave., Scranton, Pa.



Retrospect

Gentlemen, you have seen our motto. Let it never be said that any member of '35 failed to support our proud boast. Anything from a dollar to a full Student Grant Scholarship will be welcomed by the Alumni Student Grant Fund. I hope that the gentleman who claimed a salary of \$7200.00 at the reunion banquet is at this moment reaching for his pen to provide that full scholarship. Small fry like me kick in a buck.

Exclusive

Introducing Stanley Szymakowski of Greenfield, Mass., Claude Kurtz of Berwick, Pa., and Richard Johnson of Easton, Pa.! These three men constitute the first recipients of Alumni Student Grant help and are worthy of the opportunity afforded them to study at old Lehigh, having ranked respectively in the upper third, second in 235, and 43rd in 462,

in their graduating classes. In addition to their high academic rating all of these men are experienced football players. Szymakowski is a fullback, Kurtz a center, and Johnson an end tipping the beams individually in excess of 195 pounds. I know that all Lehigh men and especially '35 men extend their heartiest congratulations and best wishes for success to this trio who bested at least two score applicants seeking the opportunity to continue their studies at Lehigh.

For exclusive flashes on Student Grants look to this column each month.

Gems

Adin Rich, Kappa Sig and cross-country manager has been selling these past two years for the Garlock Packing Co. (mechanical packing) located in his home town of Buffalo, N. Y. Adin is unmarried, and he concurred in your correspondent's humble opinion that the \$2600.00 average salary reported by '35 men at reunion is godawful high. We couldn't buy a beer between us.

Dr. Robert "Buck" Buchanan, pre-med society president, and Dr. Norm Kornfield, renowned woman hater are holding forth at Mayor Hague's Jersey City Medical Center. Buck still votes straight Republican and it is a good thing His Honor doesn't know it.

Joseph Ignatovic—"Iggy" to those who knew him during his short stay at Lehigh, passed away on last New Year's eve. Details not known, and the information available is the result of his fraternity pin being found many hundred miles away from his home town of Luzerne, Pa. I knew "Iggy"; a fine fellow.

Fred Groff, who wielded a mean stick as leader of the lacrosse team, is now Assistant Resident in Pediatrics, Albany Hospital, Albany, N. Y. Fred got his M.D. at Long Island University.

Dick Mc Clintic, who managed wrestlers in his undergraduate days, continues to direct operations as Asst. Plant Industrial Engr. for the Carnegie-Illinois Steel Corp. at Vandergrift, Pa.

"H. P." George, a Chem. Engr. who collected prizes and honors as fast as they were passed

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A. V. BODINE, '15
Pres. and Treas.

H. E.
Stoudt & Son, Inc.

GENERAL CONTRACTORS

The newest building on the Lehigh campus—Eugene Grace Hall—is under construction by our firm at the present time. The care which has gone into its planning will be reflected in the completed structure.

424 SECOND AVENUE, BETHLEHEM

COLONIAL THEATER BLDG., ALLENSTOWN

Morris E. Stoudt, '16

out, is now instructing at the University of Detroit.

New Addresses

Stan Goodrich—Quotonser Beach Rd., Westbrook, Conn.

Forest Purnell—850 N. Evans St., Pottstown, Pa.

George Horlacher—3574 Winchell Rd., Cleveland, Ohio.

Rohn Truell—Newburg, Pa.

Statistics

Of the 310 men of '35's roster, 81 attended reunion. You, Mister, missed a good time.

Program

Each month ten of you gentlemen will receive a stamped return addressed card on which you will fill in a few pertinent facts and drop in the nearest mailbox. You want complete coverage, and with a very small amount of cooperation you shall have it.

For news of your classmates—Subscribe to and read the BULLETIN.

So long until next month.

CLASS OF 1936

W. M. Smith, Jr., Correspondent
1600 Emory St., Asbury Park, N. J.

Without a doubt, Summer is over. The final blow was struck by the Fate which finds me using my lunch hour in a frenzied attempt to get this copy to Bethlehem in time to beat the deadline (deadline, incidentally is today).

With the coming of Autumn, industry is about to be drafted, men are about to be drafted and your correspondent has been drafted—into matrimony, as previously announced in this column. That the preparation for mumbling a few ill-chosen words before a member of the clergy and settling down to navigation across the uncharted Seas of Matrimony could consume an entire Summer was quite a surprise, but those who have taken the step can understand, and those who haven't will leer anyway, so I won't bother to explain.

My first-hand information concerning classmates is confined to Chuck Gallagher, John Kornet, Chris Coll and Irv Lawton. Chuck is in Youngstown, Ohio with the East Ohio Gas Co.; John is still in Bethlehem with Laros Silk; Chris is an insurance broker, and Irv is devoting his energies and abilities to Public Service (gas and electric).

During the Summer, there has been quite some shuffling of the address files, which is fortunate in that it gives me something with which to fill this column, there having been no correspondence received since the June issue of the BULLETIN went to press.

Malcolm Baxter is now living at 704 Fifth Ave., Bethlehem, Pa.

Harold Bickel, our wandering geologist, can be reached at P. O. Box 433, Estevan, Sask., Canada; while Lawson Calhoun, whose title is Scout, is in the exploration dept. of the Union Sulphur Co., Sulphur, La.

Bob Eichner, one of the few of our class to attend the reunion last June, lives at 1054 Bridge St., Schenectady, N. Y.

Ernie Krack, missing for some time, has turned up at 10386 Crocus Lawn, Detroit, Mich.

Pat Langdon, reputedly a good correspondent and also vice-president of the Metal Industry Publishing Co., lives at 63 Pilot St., City Island, N. Y.

Reggie Lenna reports the authoritative title Works Mgr., Jamestown Metal Equipment Co., Jamestown, N. Y. and lives at 519 Lakeview Ave.

Walt Nutt, mold designer and draftsman for U. S. Rubber, is living at 227 E. Fourth St., Clifton, N. J.

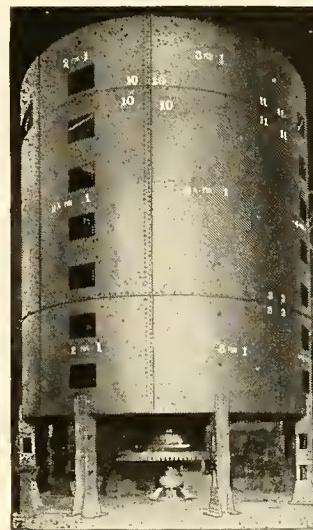
Bob Perrine, salesman for the Carrier Corp., lives at 172 Berkeley Ave., Bloomfield, N. J.

Gil Rogers, selling for American Steel and Wire, can be reached at 124 Keeney St., Evanston, Ill.

Paul Roberts, service test inspector for the New York Central Railroad, resides at 5167 N. Capital Ave., Indianapolis, Ind.

Judd Smull can be reached at 620 First Ave., Bethlehem, and George Voehl is reported at 146 Emerson Ave., Plainfield, N. J.

Bernie Weiss is now at 209 Prospect St.,



BETHLEHEM

"WEDGE" ROASTERS

—have found a highly useful place in many process pictures, turning hitherto worthless residues into profitable by-products.

For instance, the Bethlehem Roaster shown at the left (photographed during erection) amortized itself in ten months on the job.

Whatever your manufacturing process and waste problem—benefit from the specialized engineering skill that Bethlehem offers.

BETHLEHEM FOUNDRY & MACHINE CO

BETHLEHEM, PA.

Replacement Costs vs. Maintenance Costs

EACH year when many companies get around to preparing the next year's operating budget, sizeable sums of money are set aside to provide for proper maintenance of their properties.

Upon closer investigation, however, many of these so-called "maintenance costs" turn out to be actual "replacement costs" due to the fact that no systematic control of maintenance is being carried out on a year-round basis. Instead, fire-escapes, skylights and other parts of structures are

all too often permitted to corrode and disintegrate until they have to be completely replaced. This is the most expensive procedure in the long run.

In bringing about a better control of your maintenance problems, quality paints designed to protect and beautify exterior and interior surfaces are of vital importance. Devoe & Reynolds Co., Inc.—the oldest paint manufacturer in the United States—is well equipped and qualified to assist you with any such problems which confront you.

A telephone call or letter addressed to our Maintenance Sales Division or any of us listed below will bring a prompt response.

G. L. Ball, Jr.	'30	C. M. Jackson	'33	W. C. Riedell	'37
H. P. Ball	'37	E. J. Klinger	'33	L. K. Scott	'29
S. W. Farrell	'33	J. S. Long	'13	A. R. Smith	'35
T. K. Garihan	'36	B. Rabin	'32	F. G. Smith	'39
S. R. Goodrich	'35	A. E. Rheineck	'31		

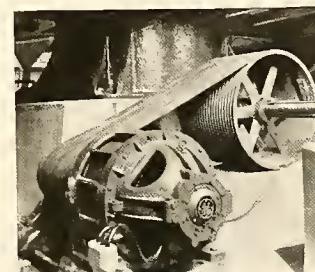
• • •

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V-Belt Drives . . . Flat Belt Drives

Flexible Couplings . . . Clutches

Pulleys . . . Rigid Couplings . . . Bearings

CHAS. O. WOOD, '92

G. H. WOOD, '99

East Orange, N.J., and Ben Winship, maintenance engineer with Carnegie-Illinois Steel, lives at 849 E. 82nd St., Chicago.

Other changes will be reported in following issues.

I'm sorry that there's so little of a really personal nature to report, but, as was mentioned before, no information has been received other than that from the alumni office. In short, this is your column, so let's hear from you.

CLASS OF 1937

D. C. Barnum, Correspondent
4 W. Church St., Bethlehem, Pa.

Certainly many things have happened since I last tried to make up a little news for you and this column, but it appears that our gang of '37 is still intact, and that there is a little news to give you.

I haven't seen as many of the gang as I would like this Summer, but here is the news I have been able to gather so far. Please don't forget that you are my best source of information, and that the information you have would be mighty interesting to many of the other men in the class.

Although I haven't seen him yet, Dean Stevenson was elected as an assistant at the Pro-Cathedral Church of the Nativity here in Bethlehem, effective July 1. After graduating from Lehigh, Dean went to the General Theological Seminary from which he was graduated this year.

Moe Lore dropped in on us this Summer during his vacation. He is still located in Chicago as sales correspondent of the Finishes Division of E. I. duPont de Nemours & Co., and reports that things are going along smoothly for him. I hope that the quiet evening we spent at the tap room won't scare him from coming back again. I don't remember any specific information about the gang out there in Chicago, but he didn't give me any scandal, which would indicate that all is well. This gang includes, among others, Frank Howells, who was here alumni week-end looking happy and prosperous.

From up Buffalo way I can report that Joe Walton is now assistant superintendent of one of the open hearth units of the Lackawanna Plants of Bethlehem Steel. I saw Joe at the shore this Summer during a bit of a rainy spell. Joe, I would guess, will be on bended knee before a very lovely girl from Bethlehem one of these days.

Joe tells me that the gang in Pittsburgh is still very active and keeping together well. Bill Schnabel is secretary of their group. Bill Trumpler got his name in the papers a short time ago when his engagement to Miss Irma Steinert of Pittsburgh was announced. The wedding will take place in November, which means, I suppose, that Bill will miss the Lafayette game.

In Bethlehem the engagement of Lou Pennauchi and Lucille Biedenbach was announced a while back. Lou is in the armor plate department at the Steel.

During the Summer, the Home Club had a party for golfers, quoiters, etc., and that got many of us together. Rudy Ashman planned to get there, but was held up by work. He is holding down a nice job at the Steel Company, and has a nice home out on the Bath Pike. Rudy and Evelyn Brown were married, you remember, on graduation day.

Flip Fairbanks got a note from Herm Hutchinson the other day with this bit of news enclosed: he is engaged to Miss Ethel Williamson. That is O. K. Herm, but you might drop up to see us sometime anyhow.

Space is now getting limited, so I'll close by telling you about Hal Dent, who is plant industrial engineer of the Farrell Plant of the Carnegie-Illinois Steel Company in Farrell, Pa., and whose engagement to Miss Ruth Butz of Allentown was announced this week.

I have to close now, but I do want to put in a plug for the BULLETIN. Get your subscriptions in now, and send along a bit of a check for the Student Grant fund, too.

CLASS OF 1938

William G. Dukek, Jr., Correspondent
548 W. James St., Lancaster, Pa.

Editorial:

Few of us suspected a year ago that today we would be on the verge of being drafted into the U. S. Army. Most of us are War babies; it is a terrible travesty on civilization that these babies, grown up, should have to forsake their careers two years out of college again to restore the world to sanity. Many of us who are reserve officers have already volunteered. Now serving with the Army are Ed Smith, in the Chemical Warfare Service at Edgewood Arsenal, Md., Bob Porter, in the Cadet Flying Course at the Army's Kelly Field, Texas, Myron Smith, in a C.C.C. camp at Clinchport, Va., and several others unconfirmed or unreported. I'm sure no one will fail to agree that, if Hitler reduces England to ruins, it will be up to us to clean up this real threat to our future. As your spokesman, I am putting the class of 1938 on record for strong national defense, conscription, and all possible material aid to England.

Action Story:

The sad tale of '38's first pilot to crack up is now in the books. Fortunately, Christy Conners was unscratched, but the plane in which he had to make a forced landing near Wilmington was a washout. The sad part of the tale is that the plane was Christy's own, and probably not paid for yet.

The Social Columns Tell Us:

Of the engagement of the charming Jean Wilson, a Moravian alumna from Reading, to Dick Larkin, Prof. Fred V's son, who is now reporting for the Harrisburg Patriot . . .

Of the engagement of Frances Peloubet of Maplewood, N.J., to Charley Hoffman, an M.S. from M.I.T. and now with Public Service Electric and Gas of Newark . . .

Of the engagement of Miss Helen Bowden, of Chestnut Hill, Pa., to Henry Clay Kennedy, Hank to us, now located in Harrisburg . . .

Of the engagement of Miss Florence Windish, of Coplay, N.J. to Al Getz, who took his master's last year, and is now employed as an engineer for United Verde Mine of the Phelps-Dodge Corp. in Jerome, Arizona . . .

Pardon, while we pause for breath . . .

And, during the course of this eventful summer, Miss Ann Chalker, of Marianna, Fla., and Jim Bergen, with Armstrong Cork in their Pensacola plant, were married . . .

While the mating of Miss Elizabeth Heath, of Buffalo, to Ewing Shoemaker, September a year ago, has now come to light. Spike is an industrial engineer for Eastman Kodak, in Rochester. Warren Woodrich, working for the Woodrich Construction Co. was best man.

And on Sept. 7, Francis Leo Wrightson, of the Sigma Phis and the big soccer shoes, took unto himself a bride, the pretty charming Miss Patricia Carreau, also of Easton, Md. Leo is Town Clerk of Easton, you know, and will someday be Mayor like his father.

In the middle of July, your correspondent crossed paths with Bill Scott, passing through the Poconos on his way to a Lake George honeymoon. His bride of two hours, Miss Edythe Winkler, of Bangor, Pa. was in the car. Bill is instructor, alumni secretary, and a few more things at St. Andrews Academy in Middletown, Del.

News Briefs Here and There:

Many of you will probably remember my present roommate, Herb Wooley, a Theta Delt in the Lehigh class of '38, who left for V.P.I. in his sophomore year. He sends his best to fraternity brother Walt West. Herb reports he met Randy Young in Ventnor a few weeks ago.

Ike Kuryia, now in South America for United Shoe Machinery Co., is living at 3175 Calle Cangallo, Buenos Aires, Argentina.

Pep White, last heard from in London, England with the B.B.C. (their building was bombed severely the other night) is reported engaged to a girl from Illinois, U.S.A. Long-range stuff apparently.

Drop a line to me about the latest news of yourself and others.

CLASS OF 1939

Henry T. Shick Heckman, Correspondent
392 Bell St., Chagrin Falls, Ohio

Greetings ooo and all, and how did you enjoy the Summer? By now most of you have been reconciled to the two weeks vacation which must necessarily supplant the long, lazy Summer vacations of our undergraduate years. Indeed, our college days are slipping further and further away, and with this issue a new class takes our former position at the end of the parade of alumni classes.

L'AMOUR TOUJOURS L'AMOUR—While we were quietly passing the Summer over a Cuba Libre or five, life and love were proceeding apace. In fact, the Delts were doing their level best to corner the love market as Ben Chadwick became engaged to beauteous Melva Schissler, and Spike DeBow did likewise to Mary Jane Cuddy. The future Mrs. Chadwick is a Bethlehemite whereas Miss Cuddy hails from East Orange and is a senior at Cedar Crest.

Always competitors of the Delts, the Fijis from up on the hill finished in second money by virtue of Dick Drake's becoming engaged to one Miriam Farrier of Maplewood, N.J. Some of you lads may remember her as Dolly. Also in the engagement derby is Les Mahony—the girl: Elizabeth Magee of Scarsdale, N.Y.

STEEL—FIRST LINE OF NATIONAL DEFENSE—On the steel front we find that Gordon Guy joined the progressive (adv.) Republic Steel Corporation as metallurgical tester at the Niles, Ohio plant. Mr. Girdler and I extend a hearty greeting to alumnus Guy. In Gene Grace's branch of the Lehigh family we have George Ueberrroth who's holding up the accounting department at Sparrows Point, Mel Melhorn in the drop forge department at the home plant, and Al Goepert in the heat treatment department also in Bethlehem. Father Goepert finally found enough time away from family duties to drop a card to the Alumni Office.

U. S. Steel has taken Fran Conners and Bill Liesman for its American Steel and Wire subsidiary. Fran is assistant supervisor of industrial relations at the Worcester, Mass. plant while Willy is technical apprentice at Donora, Pa.

Out of the big three, but also in steel, is John Sweet who is in the annealing department of the Saginaw Malleable Iron Co., Saginaw, Mich. Don't tell anyone, but Saginaw Iron is a subsidiary of G. M. John and Eunice were down Cleveland way early in the Summer, but it was my bad luck to be out of town at the time.

Speaking of G. M., Harry Brown is working his way up the automotive front. Earlier this year he was reported with Oldsmobile, now he is a checker for Cadillac. Offhand that would seem to indicate promotions through Buick and LaSalle.

HOW TO DO IT—Johnnie Becker is now with the Becker Construction Co., Newark, N.J. Any resemblance to persons living or dead etc. is purely coincidental.

Earning his salt these days is John McNabb who is travelling here and there as salesman for the Pennsylvania Salt Mfg. Co. (One minute's pause to duck missiles). We're still waiting for you to hit the Cleveland territory, John.

And so we begin our second year in the business world. We're all anxious to hear what the rest of the boys in '39 are doing, so why not send a few letters this way? There's no defense tax on postage stamps, and if you don't have time for a letter, a post card will do nicely. Meanwhile, if our number doesn't come up, we'll be looking for you at the Case game.

CLASS OF 1940

Alfred T. Cox, Correspondent
1420 Fourth Ave., Coraopolis, Pa.

With this issue of the Alumni BULLETIN, the Class of '40 begins to function as a part of the alumni group. Joe McCluskey was originally scheduled to handle this job, but Joe has joined the Army for a year, and they've been moving him around so rapidly that he doesn't

have the time to handle it. I'll do my best to get the ball rolling, and Joe hopes to take it over in a year or so. First of all, many thanks to Bob Herrick and to Mr. Morgan for their work in preparing lists of the whereabouts of the fellows in the class. I'll try to keep up to date with all the changes, and if you're anxious to get in touch with anyone, drop me a line and I'll try to trace them for you.

I'll trot out the little news I have first. "Spear-head" Pierce reports Dutchy Haffenreffer's engagement to Miss Lois Gladding, of Fall River. Haffy is working for the Enterprise Brewery up there, and is evidently right at home. Also, the engagements of Les Mahony to Miss Elizabeth Magee, of Scarsdale; and of Fred Wood to Miss Hilda Cato, of Silver Spring, Md. On June 12, Mike Durochik was married to Miss Mabel Rice, of Bethlehem. I have a pretty good hunch that quite a few more have taken or are about to take the wedding vows, and if you know of anyone, send it on to me.

As for myself, I'm located with the Dravo Corporation, in Pittsburgh, along with Ned Harper and Bob Merwin. There are quite a few Lehigh boys in the neighborhood, and tomorrow evening the local club is throwing a banquet, where I hope to join Jack McQuillin, Phil DeHuff, Jim Walton, and quite a few others. I've heard from a number of the fellows already—Bob Carter and Joe Coyne up at New Kensington with the Aluminum Co. of America—Budd Heisler with G. E. in Bridgeport—Rip Collins with the Campbell Soup in Camden (I understand Rip and Dick Jeffries are taking turns dashing back to Bethlehem on week-ends)—Dick Fincke with Pratt-Whitney in Connecticut—Randy Catching with the Pa. R.R. in Williamsport. Gordy Brandt, who announced his engagement to Miss Jean Montgomery of Bethlehem on Class Day, writes from the Air Corps at Lincoln, Nebr. He's making out swell, with just a little difficulty with Heat Engines, and expects to move on to a higher school shortly. Like all the rest of us, he wishes he had just one more year of school.

Quite a few of the boys have gone military—Walt Decher, Frank Elliot, Jack Croft (did you notice his name in *Time* a week or so ago), Royal Mackey, Dick Pierce, and Bill Pohlman. There are probably several others whom I haven't heard of. I wonder how many of us will be with them in a couple of months.

I passed through Bethlehem on Labor Day and saw several of the boys. Herb Fencht, Harry Wench and Wes Sawyer, among others are with the Steel. Steve Gray was in town and reports that Pinky Conwell, Ted Scott, several others and himself are anxious to entertain any of you who can get to Cleveland to see the Case game. I hope to make it myself. To those who do come—let's get together after the game for a while.

I've about used up my quota of words for this month, so I'd better sign off. I'd be glad to hear from any of you, and if you have any criticisms or suggestions, pass them along. Let's plan on all getting back for the Lafayette game—oftener if possible—and until then, the best of luck.

As an after-thought—I've had several letters from Jack McFadden. He's with the Burroughs Co. in New York, and in two months he's seen more of the town than I did living there for eighteen years. He reports having seen Jim Richardson, Whitey Elmer and wife, and several others—all doing well.

MARRIAGES

CLASS OF 1928

J. R. Denise to Miss Ellen Stevens Hall of Bronxville, N. Y., on August 15 in Bethlehem.

G. W. Fearnside, Jr. to Miss Viola Mitchell, on June 22 in Pittsburgh.

CLASS OF 1929

E. C. Quinlan to Miss Eleanor Norton Foote on June 21, in St. Peter's Church, New York.

L. D. Trantum to Miss Helen Catherine Schroeder, on July 12 in New York City.

CLASS OF 1933

W. A. Burhouse to Miss Frances Mason Bullock on June 15.



STRUCTURAL STEEL

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BRIDGES, BUILDINGS, ETC.

ENGINEERS AND
MANUFACTURERS

CHARLES McGONIGLE, '01 - OTHO POOLE

POOLE & McGONIGLE

PORLAND, OREGON

BRIDGE and BUILDING ERECTION STEEL CONTRACTORS

Incorporated 1911

OTHO POOLE

CHARLES McGONIGLE, '01

POOLE-DEAN COMPANY

PORLAND, OREGON

IMAGINE A TRAIN OF TANK CARS 12,000 MILES LONG!

We mention this fantastic and imaginary train of cars merely to emphasize the huge volume represented by the combined air and vapor handling capacity of all of the Croll-Reynolds Evactors made in the past year alone. Of course these vapors are handled at high velocities up to 200 feet per second and would never be stored in tank cars. But if they were, at the high vacuum at which they are drawn from processing vessels by Croll-Reynolds 1939 Steam Jet Evactors, they would fill each day nearly two million railroad tank cars of 7500 gallons capacity each.

While 1939 was a record year for Croll-Reynolds Evactors they have been manufactured constantly for 23 years. A good background of experience has been gained in applying high vacuum to a great many chemical and related processes. Our engineers have assisted in developing new processes, in reducing costs and in improving quality as well as frequently increasing the efficiency of the vacuum equipment itself. A large and increasing number of power plant engineers and manufacturers of chemicals, foods, and other products come to Croll-Reynolds for most or all of their vacuum producing equipment.

Evactors are offered in single and multi-stage units for any vacuum requirement up to .2 mm. absolute pressure. They are used for practically all vacuum process work including vacuum chilling of water, aqueous solutions, porous solids and wetted surfaces. Literature on request.

CROLL-REYNOLDS COMPANY

17 John Street 20 N. Wacker Drive
New York Chicago

S. W. CROLL, '10

CLASS OF 1934

C. Brooks Peters to Miss Georgiann Schenck of Wilton, Conn., on August 2 in Berlin, Germany.

CLASS OF 1935

Harry F. Snyder to Miss Dorothy Smith, on August 2, in St. John's Lutheran Church, Easton.

CLASS OF 1936

T. R. Daddow to Miss Eleanor Myrtle Howes on August 31, in Syracuse, N. Y.

Theodore Davenport to Miss Charlotte Loma Paul on July 13 at St. Paul's Episcopal Church, Doylestown.

Jerome Minskoff to Miss Lillian Rubenstein, July 14 in New York City.

W. M. Smith, Jr. to Dorothy Virginia Hendrickson on August 2 in Asbury Park.

CLASS OF 1938

W. A. Iobst to Miss Gretchen Newhard on September 7 in Christ Church.

D. Q. Marshall to Miss Mary Degen of Leonardsville, N. Y. on September 4 in Packer Memorial Chapel.

F. H. Ruch to Miss Margaret Medve, in Packer Memorial Chapel on August 10.

W. D. Scott, Jr., to Miss Edythe Winkler of Bangor, Pa., on September 7.

Lee Socks, Jr. to Miss Alice Hyman, in New York City on August 11.

M. O. Troy, Jr. to Miss Jane Umla, September 14 in Springfield, Mass.

J. W. Welker to Miss Elizabeth Furry of Easton on August 24 in Mercersburg Academy Chapel.

F. H. Wrighton to Miss Patricia Carreau, of Easton, Md., on September 7.

CLASS OF 1939

J. L. Becker, Jr. to Miss Margaret Bonsall, on June 8 in the Church of St. John the Divine, Hasbronck Heights, N. J.

T. E. Bogert to Miss Marjorie Hornbeck on July 13.

M. W. Brandt to Miss Geraldine Fink of Bethlehem on March 9, at Pascagoula, Miss.

J. W. Broadfoot, Jr. to Miss Marjorie Schneller, on March 16 in Philadelphia.

W. A. Decker to Miss June Dietrich on July 20 in Fredericksburg, Va.

H. A. Harchar to Miss Helen Clymer in Lincoln, Nebr., on July 25.

J. W. Hartzell to Miss Margaret Crooks, on July 17 in Packer Memorial Chapel.

W. G. Histand to Miss Elizabeth Delmanzo on June 21, at the Summer home of the bride in New Hope, Pa.

F. B. Snyder, Jr. to Miss June Masters of Evanston, Ill., on July 20 in Evanston.

R. H. Voorhis to Miss Dorothy Michaels on June 17 at River Forest, Ill.

CLASS OF 1940

R. M. Banks, Jr. to Miss Mary Horwath on August 24.

M. R. Durochik to Miss Mabel Rice of Bethlehem, on June 12.

H. T. Hemmerly to Miss Hannah Louise Johnson on August 14 in the Borhek Memorial Chapel of Moravian College.

D. R. Luster to Miss Dorothy Jacobus, of West Caldwell, N. J., on June 13.

R. C. Lux to Miss Irene Sheridan of Bethlehem, on July 20 in Philadelphia.

E. J. Wilhelmy, Jr. to Miss Catherine D. Heffner on October 21, 1939.

BIRTHS**CLASS OF 1923**

To Mr. and Mrs. T. R. Leighton, a son, Michael, on May 13 in Santiago, Chile.

CLASS OF 1924

To Mr. and Mrs. E. W. Baker, a daughter, Doris Marilyn, on August 24.

To Mr. and Mrs. P. F. Campbell, a daughter, Mary Craig, on August 14.

CLASS OF 1926

To Mr. and Mrs. J. A. Bissinger, a son, George Arthur, on August 27.

To Mr. and Mrs. E. W. Pollack, a son, William Leonard, on April 17.

CLASS OF 1928

To Mr. and Mrs. Robert Niman, a daughter, Barbara Hope, on August 12.

CLASS OF 1929

To Mr. and Mrs. A. B. Horgan, a son, Andrew Bothwell, III, on April 5.

To Mr. and Mrs. E. A. Pelizzoni, a daughter, Anne Kathryn, on May 8.

CLASS OF 1932

To Mr. and Mrs. H. E. Drake, a son, James Bruce, on Dec. 18, 1939

To Mr. and Mrs. C. F. Schier, Jr., a son, Ryland Clark, on July 9.

CLASS OF 1933

To Mr. and Mrs. George Merritt, a son, George, Jr., on August 6.

CLASS OF 1934

To Mr. and Mrs. E. R. English, a son, on July 19.

CLASS OF 1935

To Mr. and Mrs. S. R. Goodrich, a son, Freeman Ricker on June 11.

CLASS OF 1938

To Mr. and Mrs. H. G. Naishy, a daughter, Maud Marie, on July 14.

To Mr. and Mrs. Mitchell Thompson, a son on August 1.

OBITUARIES**R. B. Wetherill, '80**

Richard Benbridge Wetherill died on March 27 at his home in Lafayette, Ind. He had been in failing health, due to heart trouble, for several years.

Born in Lafayette on June 10, 1859, Dr. Wetherill spent several years in Bethlehem where his father, Charles Mayer Wetherill was a professor of chemistry at Lehigh from 1866 until his death, when the family moved back to Indiana. Here Dr. Wetherill finished his high school education and studied at Purdue for one year, 1874-75. In 1883 he was graduated from Jefferson Medical College, after which he took post-graduate work at the University of Pennsylvania and studied abroad in Vienna and Berlin. He returned to his native city in 1886 and practiced his profession of medicine and surgery until 1917, when he retired from private practice in order to give his services to the federal government. In 1936 Purdue conferred upon him the honorary degree of doctor of laws.

For many years Dr. Wetherill had been known just as prominently in another field. His active interest in archaeology, anthropology, and history had taken him to the four corners of the globe, and on one of his trips to Egypt he was among the first to be permitted to look into the tomb of Tutankhamen after it had been opened but before anything had been removed.

He was a fellow of the American College of Surgeons, a member of the American Oriental Society, the Episcopal Church, and the Elks and Masonic lodges.

His nearest surviving relatives are cousins.

C. W. Gray, '81

Notice has come to the alumni office that Charles Weed Gray, A. C., has died. No details are available.

W. G. Caffrey, '82

Mail addressed to Willis Gaylord Caffrey has been returned to the alumni office marked "deceased." We have no further information.

H. W. Wilson, '85

Hugh Washington Wilson died at his home in Coronado, Calif., on May 23, 1940. For twenty years he had been a prominent citizen of Coronado serving his city as trustee from 1928 to 1930.

Born in Washington, Pa., September 23, 1863, Mr. Wilson prepared for Lehigh at old Washington and Jefferson College. He was a cousin of Rebecca Harding Davis, whose son, Richard Harding Davis, '86, was his room mate at preparatory school. After a year of graduate study and the usual year in a shop, he became interested in the new profession of electrical engineering and during a stay in San Diego, he superintended the installation of the first incandescent lighting plant in the city. Early in the nineties he joined the staff of the Westinghouse Electrical and Manufacturing Company in Pittsburgh, and after the turn of the century, went to England with the British Westinghouse Co., but returned to California in 1912.

He was a member of the University Club of San Diego, of the Amber Club of Pittsburgh and of Psi Upsilon Fraternity.

He is survived by his widow.

A. K. Leuckel, '87

Alfred Kramer Leuckel died July 14, aged 76, at the home of his ward, Mrs. Henry Vossler, Trenton, N. J.

Mr. Leuckel was born at Lehighton, Pa., and prepared for Lehigh at the old Model School in Trenton. He received a Ph.D. degree from Columbia University in 1888. After he completed his studies he became secretary and general sales agent for the Montgomery Oil Co. of Norristown, Pa. In 1892 he organized and was senior partner of the firm of A. K. Leuckel & Co., Trenton, N. J., manufacturers and dealers in builders' millwork.

He had long been active in Trenton business, banking, civic and fraternal affairs. He was a member of the Rotary Club, the Masonic fraternity, the Carteret Club, and was affil-

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iated with the Washington Camp No. 14, P. O. S. of A. He was also a member of the Mercer County Board of Taxation from 1911 to 1924; a member of the Trenton Zoning Board of Adjustment in 1927; president of the Trenton Chamber of Commerce in 1914-15; organizer in 1907 of the Mutual Building & Loan Association, being its president from 1917 to 1935; and organizer in 1909 and director of the Mercer Trust Company, serving as vice president until 1919, and an organizer and president of the Colonial Trust Company, which became a branch of the Trenton Trust Company when he became a director in 1928.

No close relatives survive him.

S. A. Shimer, '89

Stewart Applegate Shimer died August 1 in Sacred Heart Hospital, Allentown, where he had been admitted on June 6 for medical treatment. Death was due to a complication of ailments.

Mr. Shimer, who was in the real estate business until illness forced him to retire, had been treasurer of the Bethlehem Lodge of Elks for the past 25 years. He was a member of the old Bethlehem borough school board at the time the City of Bethlehem was incorporated, and was one of the nine members of the board when the consolidated school district became operative in January 1918. He retired from the board in 1920. He was a member of the Bethlehem Real Estate Board and of the Rosemont Lutheran Church.

His widow, a son and a daughter, two brothers and a sister survive him.

Alexander Potter, '90

One of Lehigh's most prominent engineers, Dr. Alexander Potter, '90, died June 20 at Great Barrington, Vt., after an extended illness. Through an active and prominent life he had been closely identified with all Lehigh activities and was an outstanding consultant in the field of sanitary engineering.

Dr. Potter was born in Gibraltar in 1866, the son of an English army officer stationed there. He was educated in Halifax, Nova Scotia and was indentured to the city engineer there for three years. Then followed two years with the Canadian Pacific and Santa Fe railroads before he became interested in sanitary engineering through the office of city engineer of Kansas City.

In 1886 he entered Lehigh and graduated with a degree in Civil Engineering. Success came to him almost immediately upon his entry into the active field and he served over 150 municipalities and many industrial firms throughout the western hemisphere.

After the Spanish-American War he was commissioned to make a survey of sanitary conditions in Santiago, Cuba and for nearly twenty years thereafter was retained by the Cuban Government. During the World War he designed and supervised construction of sanitary plants at two large cantonments at Nitro, West Virginia.

Always loyal to his Alma Mater he served both as a Trustee from 1933-39 and as President of the Alumni Association in 1932. Both at Lehigh and Columbia he was listed as a lecturer and in 1936 Lehigh conferred upon him the degree of Doctor of Engineering.

As late as 1935 he was appointed by Governor Lehman to serve as one of the three members of the Rockland-Westchester Hudson River Crossing Authority. He was a member of the American Association of Engineers, American Public Health Association, American Society for Advancement of Science, American Society of Municipal Engineers, American Society of Civil Engineers, American Water Works Association, Engineering Institute of Canada and many others. He served on the Board of Directors of the New York Rotary Club and was active in the club's boys' work program. He was also a member of the Brooklyn Elks Club.

Surviving are two sisters, Mrs. William Jackson, of Kingston, Ont., and Mrs. H. J. Newman, of Toronto, and three brothers, John of St. Paul, Minn.; Robert of Vancouver, B.C., and Donald of Toronto.

F. H. McCall, '91

Frank Hamilton McCall died May 1, at the Buffalo, N. Y. City Hospital, where he had been for observation and treatment for

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only ten days. He was suffering with muscular rheumatism and heart trouble at the time of his death.

He was a member of the George Washington Lodge, F. & A. M., and of the Episcopal Church of the Advent, Kenmore, N. Y.

Surviving him are his wife, one daughter, a sister and a brother.

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William Bowie, '95

William Bowie, C.E., died in Mount Alto Hospital, Washington, D. C., on August 28, after an illness of several weeks.

Born in Anne Arundel County, Md., May 6, 1872, Dr. Bowie received his early education at public schools and private academies. He later received degrees at Trinity College (B.S., M.S., Sc.D.), Lehigh University (C.E., Sc.D.), the University of Edinburgh, Scotland (LL.D.), and George Washington University (LL.D.).

He entered the service of the Coast and Geodetic Survey as a field engineer in 1895 and remained active until January 1, 1937. In 1909 he was appointed chief of the Division of Geodesy in the Washington office, which position he held until his retirement.

During the World War he was commissioned a major in the Army Engineer Corps and was assigned to the Mapping Division of the office of the chief of engineers in Washington.

For his contributions to the science of geodesy, he was awarded the Elliott Cresson Medal in 1937 by the Franklin Institute of Philadelphia. He also was awarded the Charles Lagrange Prize by the Royal Academy of Belgium, was made an officer in the Order of Orange-Nassau by the Queen of the Netherlands in 1937 and received the Cross of Grand Officer of the Order of St. Sava from Yugoslavia in 1939.

Surviving him are his wife, a son, and two brothers.

W. A. James, '95

William Agassiz James, B.S., died suddenly on August 2 at the Muncey Cottages, Chautauqua, N. Y. Death was due to coronary thrombosis.

Born in Wilkes-Barre, Pa., he was graduated from the University in 1895. After working for the Erie Coal Company, Scranton, he went to Buffalo and entered the Lackawanna's employ as a draftsman. Later he was advanced to assistant chief engineer and then to chief engineer, continuing with the plant after it was absorbed by the Bethlehem Steel Corporation in 1922.

He was a Mason and a member of numerous engineering societies.

He is survived by his wife, a daughter, two sisters, and a brother.

W. K. Allen, '12

William Kenneth Allen died January 2 after a long illness. Prior to his death Mr. Allen had been an insurance broker with Donnau, Duffield & Co., Buffalo, N. Y.

His widow, a son and a daughter survive him.

H. F. Loekle, '28

Harold Franklin Loekle died September 15. He was swimming with Mrs. Loekle at Manasquan, N. J., when he was caught in the undertow and drowned.

He was born in Jersey City, and prepared for Lehigh at Carolina Military Academy. At the time of his death he was employed by the New York Telephone Co.

He is survived by his wife and two sons.

R. E. Gohl, '30

Robert Edgar Gohl, B.S. in C.E., died August 30. For the past six years he had been secretary and treasurer of the Dayton Morgan Engineering of Dayton, Ohio.

He is survived by his widow and one daughter.

Joseph Ignatovic, Jr., '35

Though details are lacking, we have received word of the death of Joseph Ignatovic, Jr., on December 31, 1939.

A. G. Blomstrom, '39

Arthur Gustave Blomstrom died in Bethlehem on June 15 after a short illness.

He is survived by his parents and one sister.

P. M. Brown, '40

A tracer addressed to Patrick M. Brown has been returned to us marked "Died August 16, 1937." No details are given.

DIRECTORY OF

LEHIGH ALUMNI CLUBS

Allentown, W. W. York, '24, (P); C. V. Converse, '28, (S), 143 N. 28th St.

Bethlehem, (Home Club) Ben L. Bishop, '34, (P); Frank Murray, '32 (S), Hotel Bethlehem.

Boston, D. H. Levan, '13, (P); Nelson Bond, '26, (S), 39 Colbert Rd., West Newton, Mass.

Central New York, Gordon Kent, '07, (S), The Kent Co., Rome, N. Y.

Central Penna., J. N. Hall, '30, (P); E. J. Garra, '25, (S), 160 Lucknow Rd., Harrisburg, Pa.

Central Jersey, J. H. Pennington, '97, (P); J. A. Bugbee, '24, (S), 8 Kensington Ave., Trenton, N. J.

Chicago, W. O. Gairns, '26, (P); E. K. Collison, '07, (S), George A. Fuller Co., 111 W. Washington St.

China, T. C. Yen, '01, (P); A. T. L. Yap, '19, (S), 16 Burkhill Rd., Shanghai, China.

Cincinnati, E. E. Keifer, '18, (P); C. C. Sherrill, '35, (S), Box 111, Glendale, Ohio.

Delaware, W. M. Metten, '25, (P); G. H. Cross, Jr., '30, (S), 2211 Boulevard, Wilmington, Del.

Detroit, C. G. Heilman, '10, (P); R. J. Purdy, '28, (S), S. S. Kresge Co., 2727 2nd Blvd.

Louisville, Maxwell Glen, '24, (S), 2109 Cherokee Pkwy., Louisville, Ky.

Maryland, J. S. Bayless, '08, (P); J. E. Tyler, III, '34, (S), 732 Reservoir St., Baltimore, Md.

Monmouth County, Jersey, C. A. Wolbach, (Chm); S. W. Laird, '15, (S), Old Farm Village, Rumson, N. J.

New York, F. E. Portz, '17, (P); Wm. McKinley, '19, (S), 414 E. 52nd St.

Northeast Penna., W. E. Connor, '28, (P); E. H. Poggi, Jr. '33, (S), Howell & Jones, Inc., 57 Bennett Bldg., Wilkes-Barre, Pa.

Northern New Jersey, J. W. Helmstaedter, Jr., '28, (P); A. H. Loux, '35, (S), 917 Natl. Newark Bldg., 744 Broad St., Newark, N. J.

Northern Calif., R. H. Tucker, '79, (P), 1525 Waverly St., Palo Alto, Calif.

Northern N. Y., R. W. Wieseman, '16, (P); Nelson Coxe, (S), 1002 Eastern Ave., Schenectady, N. Y.

Northern Ohio, F. F. Schuhle, '26, (P); H. B. Osborn, Jr., '32, (S), Ohio Crankshaft Co., 6600 Clement Ave., Cleveland, Ohio.

Philadelphia, J. H. Opdycke, '23, (P); Moritz Bernstein, '96, (S), 2130 Estaugh St.

Pittsburgh, W. S. Davis, Jr., '24, (P); H. E. Lore, '35, (S), 311 Chestnut St., Sewickley, Pa.

South Jersey, R. S. Young, II, '38, (S), 5609 Winchester Ave., Ventnor, N. J.

Southern Anthracite, H. R. Randall, '23, (P), Rhoads Contracting Co., Ashland, Pa.

Southern New England, T. G. Shaffer, '14, (P); L. H. Van Billiard, '23, (S), Newington, Conn.

Southeast Penna., H. T. Kaufmann, '10, (P); George Potts, '23, (S), 536 Court St., Reading, Pa.

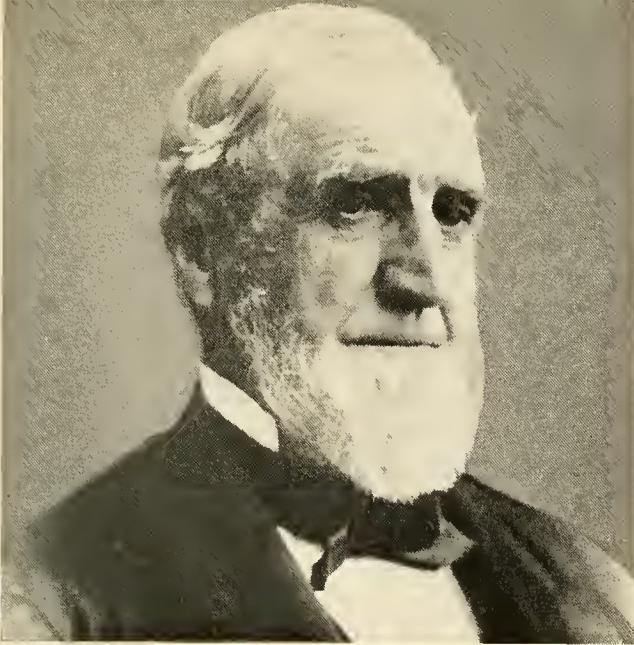
Southern Calif., W. M. Lalor, '04, (P); E. C. Hummel, '17, (S), 208 S. Orange Dr., Los Angeles, Calif.

Washington, D. C., F. G. Macarow, '20, (P); R. L. O'Brien, Jr., '33, (S), 2311 Connecticut Ave., N. W.

Western New York, H. C. Puffer, '36, (P); A. P. Spooner, '34, East Aurora Advertiser, East Aurora, N. Y.

York, Pa., B. T. Root, '06, (P); F. S. Eyster, '33, (S), 609 Country Club Rd.

Youngstown, O., A. P. Steckel, '99, (P); J. A. Waterman, '30, (S), P. O. Box 185 Poland, O.



Asa Packer, 1806-79, whose gift of \$500,000 and 57 acres of land made possible the founding of Lehigh University.



Lehigh's first graduates, the Class of 1869, Roepper and Wolle in the rear; Rock, Corbin and Ronaldson seated.

Turn Back the Calendar!

You won't be able to remember anything from the days of Asa Packer and the University's first graduating class, but think back as far as you can along the avenue of Lehigh's 75 years and pick the appropriate four-year spot. Turn the calendar pages to October. Registration and first classes and even Founder's Day are out of the way, but Football is in full swing and houseparty week-end lies ahead. Ivy leaves and oak leaves are changing color, and the groundskeepers have stopped mowing the grass . . . It is impossible to provide all alumni with a starting point for reminiscence, but some of you may be able to get your bearings from the following October events:

1894. Princeton 8, Lehigh 0. We score, but the referee does not see it . . . the playing was a trifle rough throughout; Best severely injured his nose.

1896. G. C. White, '97, was elected president of the Sound Money League of the University at its first meeting.

1898. The following Lehigh men served as officers in the late war with Spain: J. Hollis Wells, '85, major, 71st New York; E. M. Sawtelle, ex-'93, captain, Volunteer Engineers; T. M. Clinton, '97, 2nd lieutenant of a company of marines; F. H. Gem-solers, '98, 1st lieutenant, Iowa; and H. E. Knight, ex-'99, 1st Lieutenant, 1st Regular Infantry.

1900. R. C. Becerra, '99, A.C., has returned to college and expects to take a graduate course in chemistry. He has been assisting Coach Okeson with the football squad and will probably assume his old position at guard.

1902. The mandolin raffled off by the Brown and White on Friday last went to Rockwell, '06.

1904. Freshman strength records: Back lift, 215 Kg., Collins; leg lift, 395 Kg., Schumann; grip, 75 Kg., Pierce; lung capacity, 342 cu. in., H. D. Smith.

1906. The Physics Department has abolished all quizzes and hereafter a student's grading will de-

pend entirely upon his class and laboratory work.

1908. It was very evident to anyone occupying a seat in the bleachers Saturday that the cheering was done mostly by the upperclassmen. Freshmen who refuse to get out and yell will have to be dealt with accordingly.

1910. The Sophomores have finally decided on a bell-shaped, black class hat, with "1913" in gold on the front.

1912. The fact that Lehigh has been admitted to the Intercollegiates in wrestling has caused candidates for wrestling to begin practicing much earlier than usual. On Saturday, a dozen men were working under the direction of Captain Herr and Coach Sheridan.

1914. The initial number of the Lehigh Alumni Bulletin has made its appearance and has been well received. It is a newsy twelve-page pamphlet.

1916. An effort is on foot to reorganize the College band of two years ago which, at that time, was quite a success.

1918. Word has been received from France that Capt. David McK. Peterson, C.E., '15, has been promoted to an aviation major. He is in command of the 1st pursuit squadron.

But Look Ahead Too . . .

Canvass the list of High School young men who are known to you. Would some of them be Lehigh material? Would they profit by four years of enjoyment and hard work at your growing Alma Mater? If so, send their names and addresses to

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14	15	16	17	18	19	20
21	22	23	24	25	26	27
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